

Natural History Specimens

— FROM —

D. A. COHEN, Alameda, Cal.

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of the amount.

Nesting Data
1899- to 1904

needs to look at again. 3-41-75-9-12-
~~33-36-32-34-37-39-40-44-45-78-50-~~
~~51-52-37-18-59-10-81-62-63-70-76-~~
~~89-91-92-X3-112-113-114-115-117-118-108-~~
~~135-136-137-138-160-161-164-165-170-~~
~~171-176-181-197-201-~~

Russet-backed Thrush 56. 63. 81. 85. 86. 89.
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152. 157. 158. 162. 165. 173. 174.
175. 178 to 181. 184. 187. 188.
191.

— *Firris* —

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Yellow Goldfinch 26. 32. 44. 47. 64. 79. 82. 87.
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Index 1904

Black-crowned Night Heron 5.

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Prairie Falcon 2, 9.

Puck Hawk 2, 8, 11.

Sharp-shin Hawk 10.

Turkey Vulture 12.

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Cal. Screech Owl 19.

Red-shafted Flicker 13.

Allen's Hummer 41, 42, 52, 62, 66, 72, 91,
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Black Phoebe 61.

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Bullock's Oriole 7, 21.

House Finch 28, 29, 30, 33, 35, 37, 40, 45, 50, 58,
59, 68, 70, 71, 105, 109, 154, 164.

Index. 1898.

- Gt. Blue Heron 6.
B-e. Night Do. 7. 39. 82. 11. 71 to 79. 106.
111 to 116. 123. 124
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Mourning Dove 91.
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Turkey Vulture 31.
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Black Phoebe 15.61.

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Cal. Jay 10.24.33.34.44.45.47.87.88.90.

Bullock's Oriole 17.

Brewer's Blackbird 27.36.59.66.80.

House Finch 56.57.58.129.

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Cal. Shrike 28.

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C/L	C	T	Plain	T	W	C/L	T	Plain	T	W	C/L
STAR COAL OIL.	110° OIL.	BULK.									

- 198) 6/20. Cr. Towhee. Young just out of nest
nest not found. By tortarians in east garden.
- 199) 5/30 Cal. Part. 2 incomplete sets destroyed by
men cleaning up E. A. C. yard last week.
- 200) 6/2 Cal. Part. broken incubated egg + lots
feathers mixed with grass. Across road back
of John's house.
- 201) 6/2 Cal. Part. 1 egg, at random. Base of
outside of hedge in veg. garden.
- 202) 5/30 Cr. Towhee. Young just able to
fly. In quail oaks brars & $\frac{2}{3}$ under
low growth of same & concealed by dead, fallen
limb. Newbury collected $\frac{1}{3}$ next day.
- 203) 6/5. Tricolor Blackbird 2 empty nests
in bushes at Miles Swamp.
- 204) 6/5. Tri. Blackbird. 2 well begun.
- 205) 6/5 Tri. Blackbird 4 badly advanced.
- 206) 6/5 Y. h. Blackbird 1 new nest in S. Stetler's
clock in centre tick patch. 3 ft. up.
- 207) 6/5 2 empty nests of S. M. Yellowthroat
- 208) 6/5 Several empty nests of Lucy Wren.
- 209) 6/5 C. Shrike. Old in dead willow edge of water.
- 210) 6/6 W. Fly. 1 egg. Old 1902 nest on cyp.
trunk N. side of N. Shell road.

Set 3 later to Newbury

1904

211) Aug. 7. Cal. Partridge. Eggs nearly hatched. Among clods & weeds of un-harrowed strip $\frac{3}{4}$ distance from ^{E end} Rose Ave. to pasture.

212) Aug 7. Cal. Partridge. Another nest close to #211. Same remarks.

213) Aug 7. Cal. Partridge. Tom Parnell says found about 12 eggs, under oak in line minorca rd to Smethe, last week.

214) Aug. 7. Cal. Partridge. Harry Fleishman says nest 18 or 20 eggs, under as-trachans several days ago.

215) Aug. 7. Cal. Partridge. John Wel-laines says nest on west bank of ditch by N. row bartletts, with few eggs. I found something had broken eggs & torn feathers from bird.

~~III.~~ Index 1898.

Yellow Warbler 125.
Pileolated do. 37.

Hutton's Vireo 14.

Wren-Tit 70.

Park Wren 20. 53. 82.

Cal. Bush Tit 2½. 3. 4. 5. 11.
13. 35. 52. 64. 97.

R.-b. Thrush 102.

"Undetermined" 9. 12. 38. 98. 118.
119. 127.

R.

STAR COAL OIL.

110° OIL.

BULK

C

C/L

C

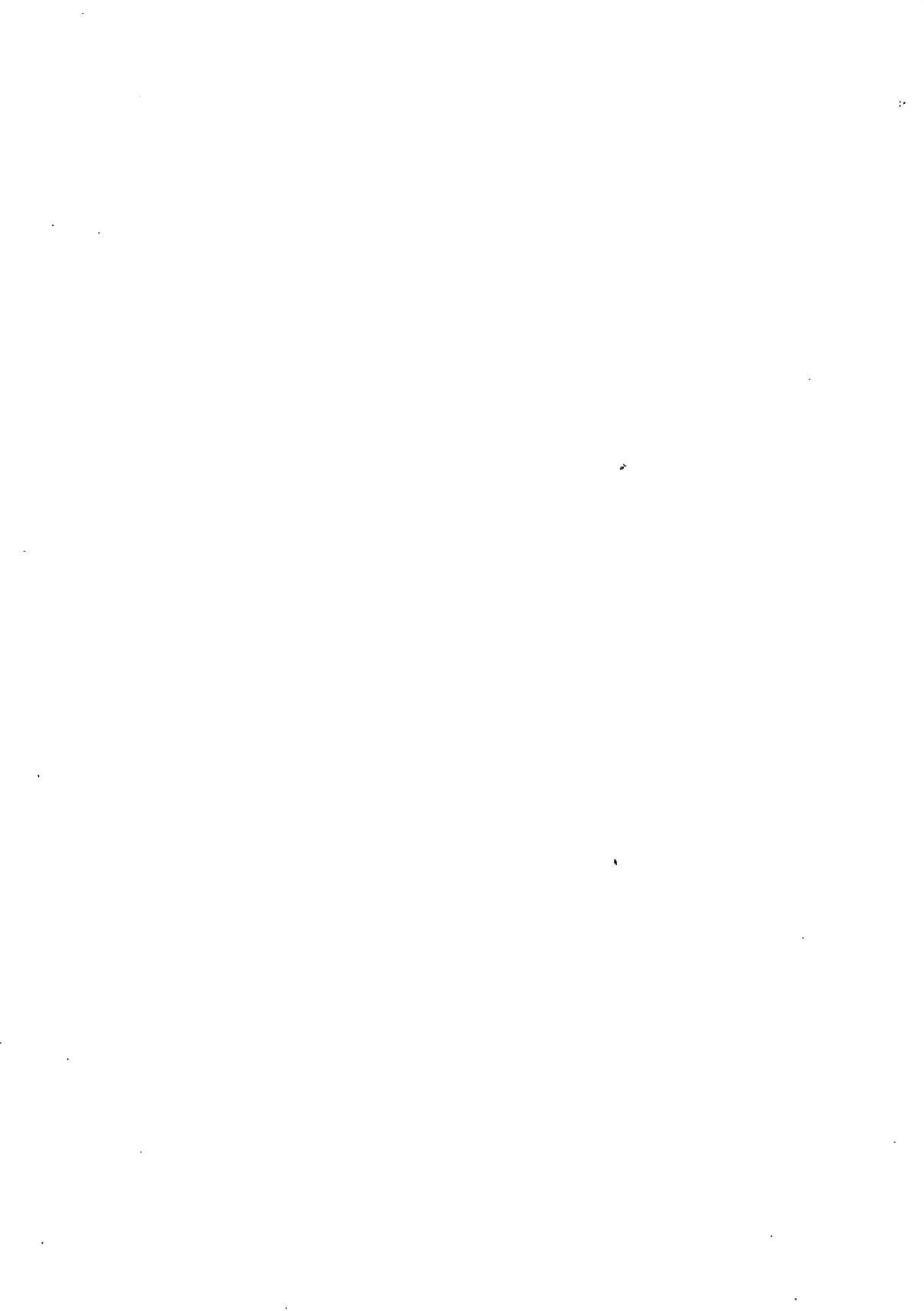
T

Plain

T

C

T W





1899

1) Feb 12. Barn owl. 1899 in barrel in cage. "Talkative" like the 1888 pair on porch so I thought there were eggs. One bird died on 19th & the 3^d one by 26th. I can't determine the cause. Found 2^d egg in nest. Fresh,

2) Mar 26 C. B. Tit. 1/2 complete. 12 ft up in small oak in Crow canon. Right side of road before reaching 4th bridge from Castro Valley Junction. 4/19 Barnister got one 8 eggs, embryos forming.

Prairie Falcon
3.) Apr. 2 - 10.15 a.m. Holbrook, Crow & I got to top of rock where Taylor got his 1898 Mar 24 set of 5. Thick fog & I flew out to our right & "whooped it up", then the ♀ came out after we got 10 ft. further, right below us. They made but little fuss. Nest was just big enough for me to squeeze into & about 8 ft from top of ledge.  He saw 5 eggs as soon as he got over the top. Floor of cave sandy, not gravelly. Embryos feathered. Popped in blousing with campfire potash. Got them blown by Apr 14 & 12 have some "bone" in them yet.

Bubo Aprt. 99.

- 4) Aprt. 1. Barnister climbed to nest that
waltz robbed last year & found only
(" told Jenkins lately he got eggs this year")
a part of freshly broken shell. No
fresh marks on tree. I was along.
- 5) Gold. Eagle. Lawrence's (via) to
Johnston Ranch. "s boy says
last storm blew it down! Taylor
says birds were adding to it 3
weeks ago. Taylor says the nest is
only $\frac{1}{2}$ m. from Lawrence's; so there
must be two nests.
- 6) Apr. 3. G. B. Tit. $12\frac{1}{2}$ ft up S.E. side
oak NW of tennis. Apr 18 took 7 eggs, ^{small} embryos.
Looked. Had to move here ~~too~~ before she came out, let
^{her go account of some head & eye.}
- 7) Apr. 6. Barn Owl. Flushed bird
from hole in rock, full pellets &
bones. furthest rock visited. Bolinger's.
- 4/19 Barnister reports 0 eggs. No eggs on 27th.
- 8) Apr. 6. Wren. Almost lined. Crevice
in rock near old hawks nest. Bolinger's.

- 9) Apr 16 Rock Wren, or Canon Wren.
Got a glimpse of bird flitting around
corner N.E. of Castle Rock. Nest $2\frac{1}{2}$ ft.
in a perpendicular crevice. Could see
into it by "chimneying" myself & looking
down. Just finished, lined with fine

Apr. 99.

material like soap-root. 5/20 inserted.

10) Apr. 16. Duck Hawk. 3 fresh eggs.
S.W. cor. of Castle Rock. In a cave
with open face, so a person could
stand in it; cave ran in $3\frac{1}{2}$ ft. &
eggs were near side of wall, about
 $2\frac{1}{2}$ ft. in & protected from rain. I
sat on spot where I did last year &
King went over the end as formerly.
He threw clods & scared out a
Buzzard, further down. I thought
there would be no Falcon's about
on account of Buzzard & King
started to go down to find the
Buzzard's nests & all at once the
Duck Hawk flew out from under
him. This made me think this close-
sitting bird was a different &
from "last year's bird", & again,
as she was not at all fierce ^{and}
hardly noisy, also she seemed in
broader plumage than our pre-
vious & (although in adult plumage).
She was soon joined by ♂ & he seemed
still younger & browner & one on

Apr. 99

two wing primaries were missing.
On getting a rich set of 3 eggs my
conclusions proved correct as the
coloring is different & the shape
different from former eggs. They
lay on a bed of yellow sand char-
acteristic to the rocks. Chas. Dunn,
(P.O. at Concord) told me that Moran
& a Berkeley student ~~from~~ named
Bradley ^{and} two or three others called
on Mar 28 & told his wife that one
of the party went down cliff a-
bout 50 ft. hand-over-hand &
got some fine specimens of Falcon
eggs, & that Bradley was up there
last week prospecting. We saw
a G. & J. tire mark & a plain one
preceding us some miles, & Dunn
says it was Prof. Plain & student
Sutton, who had come from Berk-
ley & left wheels at his house & gone
to top of Mt. afoot.

11) Apr 16 W. Redtail. a nest of sticks
about 55 ft from top of largest
rock & about 45 ft from bottom.
In a small cleft a spearred deserted
as did the old one at ^{the} end of the rock.

Apr. 99.

12) Apr 16. C. Jay. Just built. 8 ft.
up in Poison Oak & Buckeye, in plain
view from road, after passing 1st gate
in Pine Canyon. Left side of road
going up about 15 ft inside fence.
5/19 3 small young.

13) Apr. 16. C. B. Tit. 7 eggs, fresh & warm.
9 ft up in twigs growing from trunk
of small white oak, jet leafless, in
a small grove inside of fence, back
Lafayette on left side of road coming home.

14) Apr. 18. C. Towhee. 4 fresh.
7 ft up in thick, lodged cypresses limbs
over meadow fence near S.W. cor.
Nest of heron feathers (old), cypress twigs
& dry grass. ~~7/14~~ 14

15) Apr 11. C. Jay. 5, incub. several days.
18 ft. up in 2d thick oak in pasture
S.W. of barn. Nest lining unique being
almost entirely of brown fibre, not
knitly. Took nest almost entire, the
best specimen I was ever able to move.
16) Apr 11. C. Jay. $\frac{1}{2}$ done top of oak in
pasture opp. Brown's. Deserted.

Apr. 99.

- 17) Apr. 13. G. Jay. Biley reports 4th, top
of oak & N.W. of hen yards. Visited it
next day & found 4th on 14th only 2 eggs.
- 18) Apr. 13. Ov. Towhee. Begun & part of
foundation laid. Under low briar in
year-after-year spot, under further quail oak.
Deserted. See #19.
- 19) Apr. 21. Ov. Towhee. Moved from #18.
2 eggs. Took them 23^d. (One soft sheet
devoured by claws.) Year #19 under a
lot of leafless stems of a patch 1 ft. high.
Usual grass lining & a bark trubish nest.
- 20) Apr. 20. Cat. Bush Tit. 2 fresh. 9 ft
up in thick oak on side hill in Di-
mond Cañon. May have dropped some
while climbing to camp, through
opening I made in nest. Left them in camp.
- 21) Apr. 20. Sam. Song Spar. 4 fresh.
7 ft up over steep bank of creek over
a little washout, in black berries
Diamond's Cañon. n/a n/a
- 22) Apr. 20. " .. Sam. Song Spar. 3
fresh. 4 ft up in patch of briars 25
ft. from creek. n/a n/a

Apr. 99.

23) Apr. 20. C. B. Tit. 15 ft up over side
hill, Diamond's Canon. Couldn't
reach it by climbing & noticed it torn.

24) Apr. 20. Lots Old Jays & Cal. Towhees,
all, but 1 latter, in small oaks, w.
side of Diamond's Canon. Lots old
Song Spar. nests in briars, w. side.

25) Apr. 19 Bannister brought me
2 fresh Duck Hawk eggs from ~~#~~
old hole in Bolinger Canon. Wheeler
was there last on 14th & again on 21st.
all the memory concerning Wheeler
is in diary or field notes book.
Bannister says birds are fierce this time

26) 4/19 Swallow. In cave in rocks
further along ledge from Bolinger
Canon than I have ever been. Ban-
nister says 6 or 7 of them. Was not
going to tell me about this & the next
two, but inadvertently stuck his foot
into it & had to finish it up.

27) Barn Owl. 4/19 by Bannister.
empty. Beyond where I've been,
ledge from Bolinger Canon.

28) Barn Owl, 4/19, as above. ~~0~~ eggs.
Bannister got 6 eggs, 4/27. Came off down rock below
largest one yet visited. Bannister kept them.

Apr. 99

29) Barn Owl. Bolinas, Canon. Birds flushed 3/25 & 4/6 & Bannister says 3 eggs on 4/19. 4/27 I got 5 eggs. Same place as I got my birds last year. Nest 3 ft to left of 1898 one, ~~not~~ against wall. Incubation slight.

30) 4/23. C. Jay about done. Pine E. of owl oak briars. 20 ft up. Abandoned.

31) 4/23. C. Towhee. Begun. Pine nest above. 20 ft up. Abandoned.

32) 4/23 P. Wren in veg. gard. tank. Reported by Billy J.

33) 4/14 C. Quail. 1 egg dropped from E. end of veg. garden hedge.

34) 4/23 C. Quail 1 egg + ~~4~~ hen eggs. Periwinkle outside N.E. cor. playhouse oak on Smiths - 4 - our line. Took 3 more $\frac{5}{6}$. 1 broken

35) 4/24 Cal. Jay. 5, small embryos. In sextuple crotch of palm in garden. 9 $\frac{1}{2}$ ft up & totally concealed from below. Very few sticks used as foundation of dead palm leaves. This is from

Apr. 99

the same & that laid 4 red-phased &
handsome eggs in orchard, last year.

36) Apr. 24 Cal. Jay. 30 ft up, end of horiz.
limb, S. side of oak on S.E. cor. of
"gas house knoll". King climbed &
broke 2, 1 with good sized embryos
H inf. The other three were 2 with "
H in. Nest as usual & good deal soap
root lining.

37) Apr. Towhee. 2 nests begun at end
of periwinkles under pine by garden
gate. One is under geranium. Abandoned.

38) Apr. 27 Sequel to #25 - 2 Duck Hawk eggs
taken 4/19. Took 2 more to-day with
Bannister. Approached from above &
stood on E. side below & flushed bird
with piece of sandstone. As she flew
out, screaming, I gave her 1 charge of
#6 shot & knocked off a few small
feathers, so Bannister says, who was
standing above; I did not notice it,
probably ac. of strong light I had to
aim against, but I could see she was
hit, as she flew slowly across canon
& did not make any demonstration

App. 99

of hostility. She showed up, apparently O.K. about when we were leaving & uttered only a few notes & came nowhere within range. Eggs fresh. Undoubtedly the complement of the two taken 8 days ago, as the passage of time indicates.

But, why are they fresh? The only answer is that the birds are reproducing weekly, but this seems absurd for birds of this nature that lay every 3 weeks when robbed previously. Magagnos said there was 1 cracked egg in nest on 21st inst., which Wheeler did not take, & he showed me a photo of it in nest with a lark's head close to it. This is perhaps a bluff fixed by Wheeler, who could ^{get} one of his cracked eggs there, (as M. says he ^{5/3, Taylor says Wheeler got the Perkins set of kites off} ^{broke} ^{to} ^{ward} ^{for} ^{the} ^{cracked} ^{egg.} Taylor has went to the nest first, & thereby had dropped his proposed charges to be presented to Club M. to suppose it was natural & against Wheeler as he finds Perkins fished for with the result of trying to throw a higher bid & went to Wheeler for it & Wheeler ^{about take it away from Taylor unfairly.} I would see the photo.

39) 4/19 W. Redtail. Barnister took a very rich set of 2. One marked on small end & one on large end. Nest

VANISH

on sidehill in maple visible from road 100 yds up hill.
Apr. 99
up canon to W. or N.W. from Manuel
Martin, who has the savage, black
sheep dog, at 1st house after leaving
main road, going to falcon nest.

40) 4/27 Barn owl, 6 eggs. Found 4/19
with eggs by Bannister. Largest rock in falcon
ridge. near bottom of rock, reached after
a rough climb up to a perpendicular
opening of a cave with a turn to it.
In concave portion of 2 ledges of the
rock, a dead, leafless oak 25 ft overhead.
Past the centre of the w. 1/2 of the rock.
Bannister keeps the set. #28 rock is
about 90 yds below this rock.

41) 4/27 Barn owl. Let Bannister down
the East side of above rock about E of
the E 1/2 & he found 4 eggs in one nest
& left them. Found next 2 nests close by.
Took them cold & fresh 5/11.

42) 4/27 Barn owl. Continuing from
above. Close to #40 a cave, big one,
with 1 egg. not visited by B. when he
went on 5/11.

43) 4/27. Barn owl. Continuing from
#41 & 42.Flushed an owl by poking
into a small dark cave with a crook
in it, making sight or taking of eggs impossible.

April '99.

W. 99

44) 4/27 T. Vulture. 2, small embryos.
I sat on rock, nest #28, watching Baunister
go up to #40 & saw a Vulture come from
above him. We soon investigated, as she
staid about, in sight, in air. Found a
cave under a small overhanging
rock, on steep incline,^{very easily}, accessible from the
bottom & side, through sage-brush. Saw
from the side view from above some
tracks on the E side of floor of cave.
The cave was roomy ^{but} the west side
not visible until standing at entrance.
There there were 2 slabs of rock $\frac{1}{2}$ way
in, & back of these & between the wall, a
space about 8 by 5 ft., were 2 eggs on the
rather sandy floor. An old rats' nest
in a cleft close by had been ^{partly} torn down
or fallen & some of the sticks lay a-
bout the eggs. The sticks were well
broken up & seemed well worn. The
Buzzard made no demonstration of
measiness whatever at any period.
This rock is w. of the top of big owl-rock.

45) Cal. Jay: empty: found by Baunister 4/19.
10 ft up in small oak in small grove on
top of ridge last visited by us on Apr. 6. B. took 4♂, 5♀.

Apr. 99.

TUTOR

46) 4/23 Cal. Jay. Large. Partly done. 25 ft.
TURTLE
Duct of #30.

TURKEY

46) 4/26. Cal. Towhee. 3 eggs. Took them 4/28.
In cherotee rose against my house, 15 ft. up &
not visible, when "close to nest." Nest of dead
grass, grass stems, weed stems & lined with fine
fibres & a few horse hairs.

TURTLE

TURBAN

TUMBLER

TULIP

TUCK

47) 4/26 Cal. Towhee. 3 eggs. Took them 4/28.
9 ft up in low branches of apple oak. S. w.
Side of it, on outside. Nest deserted but
bird near, since finding & fleshing. Nest
of dead grass, stems; lined with brown
fibre & a little horse hair.

TUBE

TRUCK

TRUAXT

TROUT

TRIPLE

TRINICKET

48) 4/26. Cal. Jay. 4 eggs on date. Looks on
28th. Nest of dead oak twigs, then a few
cypress twigs without "leaves," then coarse
brown fibre & lastly a lot of well-worn
horse hair. 14 ft up, close to back road
in 1 of 2 oaks close to s. side of road, $\frac{1}{2}$
way from gate to stable.

TRIGGER

TRIBUTY

TRIBE

TREMOR

TRÉATY

TRY

TRAP

TRANCE

TRAMP

TRAGEDY

49) 4/26 Dr. Towhee. Well begun. Under
trailing, foliated stub of cypress. S. w.
side of cypress E of smaller redwood.
Abandoned

50) 4/26 Cal. Towhee. About 35 ft up near
top of bat in new horse coral, s. of big

Apr. 99.

oak in N.E. corner. Appears done. No bird about. Abandoned.

51) 4/26. L. Scr. Owl.Flushed bird from hollow in $\frac{1}{2}$ dead stub 35 ft up. oak S. of old house. Up again in about 2 weeks & nothing there.

52) 4/26. Cal. Towhee. About done. 9 ft up in branches & briars. N.E side of mares quail oak. Deserted.

53) 4/27 Y.-g. Swallow. 4/19 Bannister found a few nests in open-faced, "honeycomb," open-faced caves on largest rock on Falcon ridge. Rather near bottom of".

54) 4/27. B. Phoebe. 5 nearly fresh. Under bridge in Crow Canon near Malo's place. Gave them to Bannister

55) 4/28 W. Flycatcher. 4 fresh. In E. woodshed under big tanks. Nest #13, 1898, wherein 1 egg was laid & renounced, patched over & relined. Against rafter & on stringer. ^{W/14} ₁₁

56) 4/27 Brew. Black. A few nests in thin foliaged pine, on road by house in Crow Canon. Annual rookery

Apr. 99.

TRADITION

57) 4/29 W. Vireo. Built. 40 ft up in poplar.
Bed of nest visible from top of tank.
Deserted.

TOWER

TORTURE

TORPEDO

TORCH

TOPAZ

TONIC

TONGS

TODD

TRADE

TIGER

THAIL

THUNDER

THONE

THROAT

THREAT

THONRY

THICK

THEME

THANE

THEHER

TENDON

TEMPEST

TEMPER

58) 4/29 B-h. Grosbeak. About done. 12 ft up
apple tree, 11th tree in 2d row, beginning
at S.W. cor. astroturf & going E. 5/9 Took
4 fresh see #220.

59) 4/29. C. Towhee. Linings pulled out. 9 ft
up in small, thick oak in middle of E.
1/2 of back field.

60) 4/29. G. B. Tit. 10 ft. same tree. Also
appears "touched off."

61) 4/29 C. Towhee. 4 ft. Briars on fallen
oak. Pasture fence. Near N.W. cor. Also
appears "touched off" with last 2.

62) 4/29. C. Towhee. 35 ft. up in big oak
by N. fence of pasture, S. of back field.
Threw sticks & flushed nothing. Didn't go
again.

63) 4/29 C. Jay. 25 ft up in pasture, past
largest oak to S.W. Same way several days
later. Gave it up.

April 30/99 Hazards Creek.

Going upstream from Petersen's, E. side
of creek.)

- 64) Wren Tit. 4, small nests. ~~1st~~ 4/9
4 ft. up in briars, under trees. E. bank, above
big bridge. ♀ almost refused to leave nest. She
soon uttered the pip-pip-pip-pip, very low.
- 65) Wren Tit. Everything similar to last.
no far upstream from it. 4 eggs, large sub.
1 broke in blowing. ~~1/2~~ ~~1/2~~ 4/9
- 66) Or. Towhee. 4 eggs, fresh. ~~1st~~ 4/9
3 ft up on briars. E. bank. Just past 1st.
fence.
- 67) Cal. Towhee. 4 eggs, almost fresh. ~~1st~~ 4/9
5 ft up on E. bank in briars. Past #64 & 65.
Nest of dead weed stems & lined with fibre &
lastly, horse hair.
- 68) Cal. Towhee. 4 eggs, almost fresh. ~~1st~~ 4/9
About opp. last. 10 ft up on steep bank in
elder, vines, & briars. Nest similar to last.
- 69) Sam. Song Spar. 4. 3 fresh or added. The light
3 1/2 ft up briars, under willows, w. bank ~~won't~~
past big "patch." ~~1/4~~ ~~1/4~~ 4/9
(Song Spar had many nests)
- 70) Same. one just built opp. bank
not far above or below #69. 5/8 lining
loose.
- 71) Same. partly fledged young. In cotton

TELESCOPE

- wood crotch. 8 ft up. w. bank below big bridge.
- 72) C. B. Lit. 3 fresh. 5 ft. briars. E. bank just above big bridge. ^{TEACHER}
- 73) Same. young past "narrow". Briars under willows, w. bank. ^{TARTAN}
- 74) Same. Young have left. In dead wood of willow, off up. A little below ⁷³. ^{TABER}
- 75) H. Fieck 4. Peculiarly spotted. 4 ft up in briars past big clump, w. bank small embryos. ^{TACK}
- 76) Pil. Warb. Just built. 2 ft up in low briars, near w. bank, at N. end of big clump. 5/8 empty ^{SYSTEN}
- 76) H. Fieck. ^{7/3} ^{SWAMP} 4 eggs, 1 broken. ^{SUMMIT}
one broken. Saved a/c rim of brown cat-kies on nest. 4 ft in briars & willows. ^{SULKY}
- 77) Same. 4 fresh. ^{7/4} ^{SUBJECT}
Willow stub 4 ft up. Weeds stems & "hemp" ^{STUPOR}
- 78) Same. 2/4 1 broken. gave to Bill J. ^{STREAM}
1 broken. 5 ft. briars.
- 79) Same. 3/4. 7 ft briars & willow ^{7/5} ^{STRAP}
Slight. ^{STRAND}
- 80) Same. 5 ft. Briars. small embryos. ^{7/5} ^{STORY}
- 81) Same. 5 ft. Briars. small embryos. ^{7/5} ^{STILT}

11/30 Hazards Creek.

- 82) ^{Red} Hummer. Old nest on cypress 2 ft up.
near bridge, N. side of row of " on road.
- 1899 nest 1 ft above it 2 ft to left. 2 just out.
- 83) Red Hummer. 1898 ~~it~~ just out. Briars
near 1st fence on E. bank.
- 84) Hummer. Old nest. Briars. N. end
of big clump.
- 85) Old & unfinished nests of N. Finch
by the dozen. Never saw so many
old nests of other birds either.
-
- 86) 5/2. C. Jay. 5, embryos forming ~~21-22~~
20 ft. up, E. side. Horizontal limbed oak in
grain opp. Salvation Army Smith's.
- 87) 5/2 C. Towhee. 2 young, 1 sterile egg. Briars
S. end of brush lot. Reported by Billy J.
- 88) 5/4. C. Jay 33 ft. top oak near A S.E.
cor. pasture. Saw marks about week
old 25 ft up & no birds so didn't go further.
89. Cal. Towhee. 30 ft up E.S.E. side big,
"thick" oak in pasture close to N. fence.
Left it 'til too late.
- 90 Eng. Spar. 5/6. 3 eggs. Horn cypress by
gate. Top of tree
-
- 91) 5/6 Or. Towhee! Made briars by #19. No good.

May 1899

STATE

STATINA

STATE

STAG

STATE

SGUNIT

SQUASH

STATE

SPRIG

SPOONIE

SPLASH

SPIGOT

SPIDER

SPIER

SPECTATOR

SPAVIN

SOPRANO

SOLID

SOLFEMN

SOLACE

SNAFFLER

SNAKE

SNAIL

SMELL

92) 5/6. Cal. Towhee. Well begun. 8 ft up,
briars; oak N. of tennis. Deserted.

93) 5/6. Cal. Towhee. Made. 9 ft up. Briars.
Between 2 oaks back of Smith's house and
about 5/12 took 4 fresh

94) 5/6. Anna's Hum. 2 young, large
20 ft up on pine limb. S. of tennis. Roped
& bent limb & Billy stood on 10 ft ladder

Hazards Creek

5/8/99.

95) H. Finch 1/4. Within easy reach in
briars on bank. fresh.

96 H. Finch. 5, fresh well begun.

97) Same 5, 1 broken. fresh to slight

98) Same 5, 1 broken. slight & variable

99) Same 5, slight to embryos.

100) Same 5, slight & variable. 1 broken.

101) About 20 nests with 1, 2 & 3 eggs in
briars in good places or against willows.
Chiefly on E. bank. a few empty or building

- May 8/99 Hazards Creek Con.
- 102) Browns. Blackbird. 5 fresh. 15-16
10 ft. willows. S. of Petersens.
- 103) Same. 5 small emb. 5 ft. Shinnach. near colony
- 105) " 2 broken 5 " " 10 " Shinnach " " "
- 104) " 5 fresh 8 " Shinnach " " "
- 106) " 5 small emb. 10 " willow " " "
nests all of dry grass & weeds & mud with
scant horse hair lining.
- 107) Same. 10 ft willows. Broke 3 by tipping.
- 108) Same. 1 egg " past Petersens to S.
empty 5/17
- 109) Same. 2 eggs. willow in colony.
- 110) Same about 5 empty in colony &
willow S. of Petersens.
- 111) ♂ Wil. Polaf. 4 fresh. 10 ft up in
vine. W. bank, near bridge.
- 112) Sam. Song Spar. 9 ft. up in stiff grass
E. bank by big bridge. 2 eggs. 5/17 1 bird
& 1 addled egg, very small.
- 113) Same. 1 egg. 6 ft. Coarse grass under
willow. S. of Petersens. 5/17 3 eggs, fair
sized emb.
- 114) Pil. Warbler. Done. 6 in. Briars.
W. bank, S. of big clump. 5/17 3 fresh.
- 115) Same. 3 in. Briars. E bank, near

SLUMBER

SLOWEN

Petersen's. Missed it 5/17.

116) W. Th. throat. 6 in up under willows
in pipe grass in grove N. of Petersens.
5/17 empty. SLOUCHOpening of nest horizontal. 4 fresh & cold.
SLOT117) Same. Grass N. end of blackbird grove.
Done. 6 in up. 5/17 empty. SLIPPER5/18) Same. Done. 8 in up. Bricks. S. end of
blackbird grove. 5/17 empty. SLEEP

SLAVE

119) 5/11 Duck Hawk.. 3 fresh 2/3 egg
SLANG
Taken by Bannister about noon. He
was eating lunch in gulch below nest &
heard some holler & ran up to nest
SKULL
& said a stout man, not Ward, yelled
to him & said "what did you get?"
SKETCH
He didn't reply & the man ran back &
as Bannister was on top of owl (biggest)
rock two parties fired 3 shots at him
SILVAN
with 1/2 m. off. After he got down near
road they fired more shots at the rock.
SILENCE
Taylor confidentially says Ward told
him on 10th that he'd go out in p.m.
SIGNS
on 11th if not too hot. Eggs rather pointed
SHRINE
this time & one shinier shelled than usual

120) 5/11 Bannister took n/s R. Hummer on thimbleberry
extra well concealed. In canon Below Big Rock.

Mar 99.

121) 5/14 Eng. Spar. 2 nests & eggs top of window frame in servants dining room 1 ft apart.

122) 5/14 Cal. Jay. 50 ft. up. Top of oak
N.E by E edge of croquet ground.
^{distant group!}

5/17

Hazards Creek.

123) Sam. Song Spar. 3 fresh. 24 inches, briars near creek w. of "Hobo Grove". ~~1/2 99~~

124) Sam. Song Spar. 3 fresh. 4 ft. briars along west bank of "Narrows". ~~1/2 99~~

125) Sam. Song Spar. 3 fresh. on willow stump 8 ft up with briars. East bank near Nelsons.

126) Sam. Song Spar. 3, small shrub, 1 ft. briars. East bank near Petersens.

127) Sam. Song Spar. 4 begun. Briar patch, West bank. Cal. Towhee #128 at other end of patch 4 ft. distant. ~~2 1/2 99~~

128) Cal. Towhee, 4 slight. 3 ft in above briar patch ~~1 1/2 99~~

129) Cal. Towhee. 4 begun. Willow stub & briars. W. bank 5 ft up, s. of bridge.

130) H. Finch. Small shrubs, 5. Briars & willow, E. bank of narrows ~~5/5 99~~

131) H. Finch lots high willow tree nests not examined. 1 with 4 fresh &

- about 20 begun & with 1 to 3 fresh eggs mostly
along narrow on E. bank.
- 132) Wren Tit, 4 fair sized emb. Shady
brush patch with black berry vines
typical style for the bird. Nest in vine
3 1/2 ft up. W. bank opp. Nelsons.
- 133) R. b. Thrush. 4 small emb.
5 ft. briars & willow. E. bank N. of Nelsons
- 134) R. b. Thrush. 3 cold & fresh. Briars
4 ft. N. of Nelsons.
- 135) R.-b. Thrush 1 nest of 3 eggs, 2
with 1 each & 1 empty. ~~all but~~ ^{SHADY} 2
N. of bridge
- 136) W. Goldf. 1/2 done, 3 ft, willow crotch
in open N. of "Hobo Grove" & 1 other
I forgot where
- 137) Pil. Warb. 1 1/2 ft in thick briars
top of high bank N. of Nelsons
Done? 5/30 4 larger embr.
- 138) Pil. Warb. Done? Birds present. Basin
on top of W. bank "near" end of orchards.
of bridge. Basin of briars between trees;
shady. 5/30 empty
- 139) C. B. Tit. Inaccessible. 20 ft up
over creek in Elder tree.
- 140) Br. Blackb. 5 about hatched. 14 ft
willow along creek N. of Hobo Grove.

141) Br. Blackb. 2 nests in Hobo Grove
✓ 2 in tamarack with young. One
with 1 egg & 1 with 2 or 3, near Grove
& in it.

142) Br. Blackbird 3 fresh broke 1 in
1/2 with pin. 10 ft. willow. Hobo Grove

143) 5/14 Cal. Towhee. 4 fresh. Nest of
rootlets weeds & grass & horse hair. 7 ft.
in apple foliage. Near outside row about
centre of N. end of astrachans.

144) 5/19 Sam. Song Spar. 4 fresh. Briar
3 ft up on bank of Crow Canon Road
near Falcon road.

145) 5/19 Same. 3 cold & fresh. Similar
to above & close by.

146) Cal. Towhee 1/2 done. 10 ft oak on bank
of road near above. 2 old in tar weed
vine & grass on bank near. One 1/3 done
& 2 done below road in bushes along creek.

147) B-h. Grosb. Begue. Alder "

148) R-b. Thrush. 3/4 done. Briar
in glade along creek by Screech Owl
sycamores. 5/27 took 9/4. Traded to Bannister.

149) G. Vulture. 5/20. in E side near
bottom of rock E of original falcon
rock in Pine Pavilion. 2 young

May 1899.

SOREAM

- SCIENCE
SCIENTIFIC
SCIENCE
SCIENCE

150) 6. Lizard 18 eggs. found nest about May 1 with 10 eggs. Took 18 fresh about " 10. against cypress log overgrown with briars in brush pile near oak by N.W. corner.

151) ^{5/23} B-c. N. heron. H, small emb. top of cypress S. of bowl alley.

152) ^{5/23} Same. 3, small emb. 55 ft up near center of cypress S.W. of croquet ground. ^{5/26} Took one more.

153) ^{5/26} Same. 3 small emb. taken from above tree with aid of tomato can on sole.

154) ^{5/26} Same 3 ^{4/3} 2 slight; 1 emb. forming near #153 & taken in same manner.

154) ^{5/23} Same. 2 fresh. 60 ft. near top of cypress N.W. of croquet.

155) ^{5/26} Same. H. broken. slight & variable 50 ft. top of cypress N. of hen yard.

156) ^{5/26} Same 2 fresh same tree

157) ^{5/26} Same. 3 mixed with #158 in tree E. of above. Very easy to reach. Large & extra deep.

158) ^{5/24} Same 4. Tree #155-6. mixed with #157-80 for odd eggs.

May 1899

159) ^{5/29} B.-c. N. Heron. 3 ~~6/3 - 1/1/99~~
60 ft up in top of cypress by gate. 3 empty
nests. Bloodshot.

160) 5/27 Cal. Towhee done. 5 ft in bush
E side of road, up bank 20 ft. About $\frac{1}{2}$
way from school house to saloon in Grand
Canyon. ~~No good~~, ^{5/27} Bannister says n.g. 6/6

161) same. 5/27. Done. 6 ft up in bush, up
bank, W. side of road, past 1st gate inside
of private road from Crow Canon to Bolinger
Canon. Bannister says n.g. 6/6.

162) 5/27 N. Flycatcher. 5 begun. Under
^{Took nest 6/7 1899.} 1st bridge past Martin's. ^(Bannister took 4 more on 6/6/99.)

163) 5/27 Dr. Towhee. 4 not far incubated
(Kept by Bannister) on ground under
bracken, below Duck Hawk rock

164) 5/27 Wren Tit. 2 ft up in bracken
near #163. 6/7 empty. Bannister was hereabouts

165) 5/27 M. G. Warbler. 1 ft up in bracken ^{on}
near #163. ^{6/6}

166) 5/27 R. b. Thrush. 4 1/2. Finest nest
I ever saw, rimmed with Spanish moss.
Taken by Bannister along creek past
gate to Bolinger Canon.

167) 5/27 G. Towhee. 4 nearly fresh. In
twigs, against trunk of white oak in

- field below road to Bolinger Canon.
ROMANTIC
- Taken by Bannister.
- 168) 5/27 Barn Owl. 6. 3 embryos broken.
RODENT
Some to blow, 3 easy. Same rock as
#29. ~~168~~
- 169) 5/27 Same. Bannister took 5
from rock below Buzzard Rock. Set
of 6 taken 4/27. ~~169~~
- 170) 5/27 Same. 3 fresh. Left them near
base of Buzzard Rock. 6/7 ~~4 eggs~~ RIVER
- 171) 5/27 Same. 3 fresh. Left them. Close
to #170. 6/7 5 eggs. Bannister won them on the toss. ~~171~~
- 172) 5/27 Same 2 birds flushed from
inaccessible caves near #170. ~~172~~
- 173) 5/27. T. Vulture. 2. Goes to Ban-
nister. In cave near above owls' nests.
Saw bird flushed & pull her legs into position for flight. ~~173~~
- 174) 5/25 Dr. Towhee. 3 embryos forming.
2 ft from top of briar clump near
S.W. cor. of carrot field. ~~174~~
- 175) 5/26 W. Flycatch. 3 eggs. Took 4
5/29. Old site of a few years ago. An
oak concave space, on ivy "rope", 7 1/2 ft
up trunk of oak E edge of croquet ground. ~~175~~
- 176) 5/23 Cal. Towhee. Building. 12 ft. oak on
S.E. curve coming into barnyard on road.
Abandoned. ~~176~~

May 30/99 Hazards Creek

177) H. Finch. 5, s light to rmb. forming.
6 ft in briars & willow brush. East bank
near Nelson's. Nest of hankie woven
material with foundation of weeds & rootlets
mixed with same.

178) Law. Goldf. 5 fresh. 10 ft up over
west bank, near bridge in crotch of wil-
low & brush vines. Nest similar to Willow
Goldf. of woven material, no horse hair
is not compact or much of it. Birds not
seen.

179) Wil. Goldf. 5 fresh: wrote tie blowing.
fine nest of yellowish, spongy material.
9 ft up in crotches of small bushy willow
on west bank N. of big clump of briars ~~etc~~

180) Nest of same, similar. No eggs. 10 ft
up in thick, low willows, further down
on east bank. Had to cut branch to see into it.

181) Pil. Warb. a small nest; done? 2 ft
up in briars over steep bank, as far as
briars can be worked in straight line
N. from Pil. Warb. #137. did not go again to creek

182) M. Tit. 4 small emb. variable in
incubation. fastened to a couple of up-
right briars under bushy trees, between
#180 & 181.

- 183) N. Tit. 2 nests of $\frac{1}{2}$ grown young in
usual positions in thicket on west bank
not far N. of bridge.
- 184) J. Mabb. 2 or 3 flutterers & 1 dead in
shell. In crotch of willow on briars in
plain view near #183.
- 185) R.-b. Thrush. Several smoky nests
& some that I found last time gone or
empty. Sheldon went through on 24th
& got some of them. one or 2 nests with
1 egg & 6 or 7 with 2.
- 186) Same. Taken in briars, about 5 ft up
on east bank by Sheldon. Traded to me
for 2/3 B.-c. N. Heron.
- 187) Same. 3 fresh
10 ft up in briary cobbles in willow sprouts.
- 188) Same. " " & ", 3 ft up on
steep edge of bank. 3 fresh
- 189) Same. 3 nearly hatched. Thrown away
5 ft. sprouts of cottonwood.
- 190) Same. B. emb. forming.
Briars in thicket, 6 ft. W. bank by orchard.
- 191) Same. H begun.
Briars about willow, 5 ft. on sloping bank.
- 192) Same. 4 large ~~nest~~
5 ft in briars in thicket

- May 30/99. Hawards Creek - Con.
193) R.-b. Thrush. 11 4/4 99
10 ft over creek, 10 ft from bank, near
end of horiz. limb of cottonwood, near
hog pen, several drains & dung piles.
- 194) Same. 11 fresh 4/4 99
Brush, 6 ft up.
- 195) Same. 8 ft up on 3 brars in dense
thicket. 11 largemb. 3/3 99
- 196) Same. 12 ft. up on stump & forgot
to pick it up on way back.
- 197) W. Fly. Sheldons found it fresh.
in rotted hole in end of bank under
bridge. 9 ft up from creek bed. Also
Tom Benton found one with 1 egg near
Nelson's barn.
- 198) Sheldon took Cal. Towhee 11
almost fresh in dense willow sprouts
on stub. Think I found nest 5/17 &
failed to record it.
- 199) 5/25 Cal. Towhee. Bill J. took 3.
fresh. Cypress, F. V. Road. Waited for
them. Outsiders have taken every-
thing along here this year as soon as 1 egg is laid.
- 200) 6/11 Cal. Quail 18⁺, small embryos.
High spot between locust & fence, S. of cypress.
N.W. cor. of field by Smith's fence & pond.

- under edge of thistle leaf, in grass.
REFINER
& fleshed. Found by John Williams
when cutting thistles. 1899
- RECTOR
RECORD
RECLUSE
RECEIVE
REBELL
REBEL
REALM
RAZOR
RAVEL
RAT
RASHER
RASCAL
RAPINE
RAMBLE
RAKE
RAG
RAFT
RADISH
HAD
HABID
QUIVER
QUINCE
QUERY
201) 6/3 W. W. Pewee. 35 ft on limb of
gum tree, ^{s. side of street} over S. Ave. near my house.
did not molest it. Boys probably shot it down.
- 202) 6/2 Billy J. reports Dove on nest in
2d cypres (along meadow fence) ^{South of}
gap in row. Someone took it.
- 203) 6/5 W. Fly. & large emb.
17 ft up in hollow near under side of
limb of oak by junction of shell roads
by men's house. ^{broken 4/9/99}
- 205) 6/7 R.-b. Thrush. 3 fresh.
In glade above waterfall below Boliiger
falcon rock
- 206) 6/7 Bl. Gil. Warbler. 2, incubation
4 days. Found by Barrister who looked
at it again on 6th. Close to ground
along creek by field $\frac{1}{2}$ mile N. of
forks at creek place in Crow Canon
Says he took on 6th night fresh,
on creek by bend N. of 1st bridge
past savage dog
- 207) 6/7 W. W. Pewee. B. reports nest
on alder, obtainable by rope. by #206.

June 99

- 208) 6/7 St. Jay. 3 fresh. $\frac{1}{2}$ in. with
Bannister. 15 ft up in oak near top
of trail on high hill going to falcon rock.
- 209) 4/27 Same. just done. 18 ft up in
grove on hill opp. falcon rock. 6/7 empty
- 210) W. Flycatcher saw bird light on
cart inside of shed with a grass blade in
bill, early morning either 27th or 1st of
June. 6/14 nest contained 2 eggs - was
well built up when found. Last year's
nest that I looked for then (1898), was close
by - Both nests on outside rafter of wagon
shed. Took 48 6/18 2/14
- 211) 6/14 Or. Towhee. same pair & style of
hard shelled egg as #19. Near E side of
low-running briars. 4 nearly hatched.
- 212) 6/14 Cal. Towhee. Lining dishevelled.
8 ft up in briars on N end of trail be-
tween near quail oak & big clumps.
- 213) W. W. Pewee. Appeared done about
June 1. In depression above butt of
small limb in cypress s. of b. alley,
18 ft up. Empty June 14.
- 214) 6/22 Cal. Towhee 15 ft up in cu-
cumber vine cypress opp. tennis (S. W.)
On July 1 I looked & found 3 eggs nearly hatched.

June - July 1899.

QUARTZ

215) 6/22 Quail. 19, small embryos.
Saw ♀ on lumber & hunted for nest.
Flushed ♀ after a lot of thrusting &
kicking into a clump of dry grass
about a group of poplar suckers near
S. W. corner of space between poplars &
hedge. E. A. C. took photo. with my
camera & with his. 7/19/99

216) 6/23 Quail.Flushed ♀ from 6
eggs. Took them 4 days later. Dry
along base of fence dividing garden &
clothes yard. Garden side. 7/17

PUPPY

PUPPIE

PUNSTER

PUNCH

PUMPE

217) 6/23 Quail.Flushed by E. A. C. in
dry grass s. of big magnolia. ♀ flushed
twice & left it. 20 eggs about hatched.
Lost them not after drilling. 7/17

PUMPER

PULSE

PUPPET

PUFF

PUGGER

218) 7/14 B.-n. Grosbeak. Bannister
found 3 fresh. 15 ft up in apple tree
in astrachan patch. Beginning at N. W.
corner, 3d apple tree from road in 4th
row. Nest placed where no twigs or branches
could drop fruit into it. 1399

PY

PRUDE

PROW

PROVINC

PROVERB

PROSODY

219) 7/9 2 empty Grosbeak nests in high as-
trachans near south end.

1899)

- 220) 7/17 same spot exactly as #58.
B.-h. Grosbeak. 3 slight. ^{7/2 1899}
- 221) 7/17 Cal. Towhee. 4 slight: in
S. row of astrachans 15 ft up in end
of cypress limb lodged there. ^{7/14 1899}
- 222) 7/21 Anna's H. 10 ft up on small
limb of astrachan near S.E. corner of or-
chard. Appear to have recently held young.
- 223) 7/26 Quail. ^{7/14 1899} W. of greenhouse,
under a board among refuse lumber
from burnt house, 3 inches space be-
tween board & ground. ^{Took 13 incub. beginning Aug 3.} Dump cart
- ~~obliterated everything~~ ^{7/29}
- 224) 7/29 Quail. Old nest. Grass be-
tween gas house & well.
- 225) July. Jay nest top of hollow oak
on lawn. Missed earlier in season.
- 226) Jan 1900. Old Grosb. E side of row
of Va. Greenings N of lawn.
- 227) Jan 1900. Old Jay. Top hollow oak on lawn.
^{Duplicate of #225}
- 228) " " " " " Vicks N. of town.
hidden extremely well even by leafless tree

PROSATIC

PROP

PROLIX

PROGENY

PROFANE

PRODIGAL

PROCTOR

PROBLEM

PRISM

PRINCE

PRIMATE

PRICE

PRETOR

PRELACY

PREFACE

PРЕCEPT

PРЕАЧЕР

PRAVYER

PRACTICE

PRACTICE

POUT

POULTRY

POUCH

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1900

1) Mar 24. Holbrook & I visited Falcon nest & found painted chicken egg in original hole. Both falcons seen & one screeched as H. got to cave, indicating she may soon lay. The trail showed signs of some one having visited the place about 3 days ago.

2) Mar. 24. Am. Barn Owl. 6, fresh to slight. In small cave in rock above falcon rock. ~~6/10~~ Wheler took 2 fresh about 4/20.

3) 3/24. A. Barn Owl. 1 fresh, 2 fresh or addled, 2 small emb., 3 large emb., 1 pipped & 1 young. Took the 8 sound eggs. In big cave where I took young in 1898. Both adults at home. Nest in left hand corner close to roof, made of fur & hair of small mammals & a partly eaten young rabbit against it.

4) 3/24 A. Barn Owl. 7 slight to small emb. "Cave" in rock on top of hill before coming to Buzzard hill. Accessible from below.

5) 3/24 A. Barn Owl. 4 fresh in cave 10 ft up ^(no data blank?) from side of hill had to use rope over top. Rock above bee's nest. 2 broken in transportation at Holbrook & wheel falling.

1) 3/24. A. Barn Owl. 1 egg, & bird flushed
from usual cave in rock on hill below
buzzard rock.

2) 3/24 Am. Barn Owl. No owls flushed from
E. end of Buzzard Rock but a lively
rattler was. Didn't have time to in-
vestigate the nest where the dead tree
hung. No evidence of Buzzards in their
cave.

3) 3/25. W. Redtail. Barnister took
set near Laundry Farm ^{Mar. 15} bridge to Mar. 15.

4) 3/30. W. Redtail. In sycamore on right
side of road (100 ft. off), about 50 ft up. No
birds in evidence. Moraga Valley.

5) 3/30 Cal. Shrike. Old nest 12 ft up in
oak & poison oak on edge of road from
Moraga near Irish Ranch Road.

6) 3/30. Duck Hawk took 3 eggs slightly
incubated from original rock in Pine
Canon. Found pieces of shell to match
this reich, dark set on ground at edge
of rock across big swale to S. E. Eggs
same shape as set of 3 taken in Castle
Rock by Holbrook & one last year.

7) 3/30. Cal. Thrasher. 3 eggs taken by
Barnister. Shrub with rough edged leaf

Mar. 1900

Redtail

well shaded by N. side of ~~Falcon Rock~~ Falcon Rock
near base. Bird not seen. I obtained set later.

13) 3/30 Am. Barn owl. 2 eggs & 5 or 6
young in hole in rugged wall of cave
in centre of Falcon Rock.

14) 3/30 P. Phoebe. Nest finished, under
bridge in Moraga. Several old nests of this pair.

15) 3/31 W. Redtail. 50 to 60 ft up in
seamore near Crows. I sat on limb across
road & male lit on her back & streaked.

16) 3/31. W. Redtail. Old nest in alder
on trail to Prairie Falcon nest.

17) 3/31. Prairie Falcon. 5 embryos
forming. Expected almost hatched at ad-
vanced season. Abe Lincoln said he was
up here last week & the birds weren't about.
There were eggs then as incubation was
fully a week. Heard ♂ before we could
see the ledge from opposite hill. Soon
saw ♀ in nest hole. Flushed her & got
eggs. The birds are a slatey-brown
above, streaked principally along the
ribs with dark brown & a singular
colored stripe along the sides of the head.
The ♀ soon settled on a dead snag across
the hill in a slight basin & gave the pump

note. Joined ♀ <sup>19⁰⁰ when she came near & almost immediately started back to his perch, uttering notes not like the usual scream. ^{PATRIOT}
^{PASTOR}</sup>

18) 3/31. G. Eagle. Desereted. Grass growing in the centre. Visible from the road from San Ramon 2? miles toward Dublin. E side of road in furthest tree. 250 yds from road in a wide apart grove of large oaks. ^{PAROLE}
^{PARODY}
^{PARDON}
^{PARGON}

19) 3/28. B-C. N. Heron. 1 egg in cypress near V. Ave. gate. 4/4 eggs. slight ^{1/1}
^{2/2}
^{3/3}

20) 3/28. Ditto. 1 egg. 3^d nest empty.
3, slight, 4/4 ^{1/1}
^{2/2}
^{3/3}

21) 3/28. Ditto. 3 eggs. Cypress esp. bowl. alley steps. Broke 2. ^{PANTRY}
^{PAMPER}
^{PALSY}

22) 3/28. Ditto Albert J. says 6 or 7 nests in cypress across & shell roads from his kitchen. Got a few eggs & broke lots. say, 3. ^{PALM}
^{PALMID}
^{PALACE}
^{PAIN}

23) 3/28 Sheels of Ditto. Under cypress to S.W. of 3 s. w. of tennis court. Biley says 2 nests, inaccessible. ^{PAGAN}
^{PAGE}

24) 4/4 Ditto. 3 fresh to slight, tree #22. ^{3/3}
^{4/4}
^{5/5}

25) " " " " " " " " " " " " " " " " " " ^{4/4}
6 nests, all easy in this tree & 2 reachable with care & one

1900

2 1/2 ft above other. The top one containing 2 eggs.

26) B-c. N. Heron. 4/5. 4 slight. ^{11/100}
Cypress s.w. of old sum. house

27) Apr. 5. Ditto 4 fresh to slight. Cypress s. of
above, on angle of roads. Nest with 3 eggs out
of hand's reach. Lots of skeletons of young
all ~~sizes~~ sizes hanging from tree #22. Green
sprouting twigs of locust used in one nest
proving the birds break off their material.

27) Apr. 5. Cal. Jay. Begun, 15 ft. up in ^{small} oak
s. of woodpile oak. Abandoned.

28) Apr. 5. Cal. Jay. Looks built, from below.
40 ft or over in oak S.E. cor. lawn. 5, small
embryos, Apr. 24. ^{15/100}

29) Apr. 5. Cal. Towhee. About built. 12 ft. up
in s. w. side apple oak. Apr 24 2 about hatched 1 inf.

30) Apr. 6. Cal. Towhee. 4 fresh. brook. 10 ft up
in briars growing over oak, in brush lot.
Nest of dead weed & grass stems, fine material
& lined with long hair. I on nest at last mo-
ment. Old nest in same briars ^{1/2} ₁₀₀.

31) Apr 16. B-c. N. Heron. 4 eggs, climbed for
by Toots Bliss. Cypress by honeysuckle fence.
Old bird sat on tree & yelled & squawked at
him, the first instance I ever noted of
remonstrance overcoming their fear.
Gave them to him.

- 32) Apr. 16. Same. 4 slight ¹⁹⁰⁰ ~~11/14~~. OVAL
Cypress to left of garden gate.
- 33) Apr. 16. Same 3 heavily incubated. not yet blown. Same tree. ~~17~~ ORPHAN
- 34) Apr. 16. Same. Embryos forming; 4 eggs. ORLIE
Same tree. ~~17~~ ORGAN
- 35) Apr. 16. 5 almost hatched. Cypress N. OPTIC
W. corner of croquet. Not yet blown. ¹⁸ OPTIC
- 36) Apr. 16. Same tree. 3, to Tools. ^{Bless.} OPERA
- 37) " " #32 " OPTIC
37) Apr. 15. P. Tit. Got Ethel to put her hand in hollow s. w. of barn. No eggs. ONELEG
Birds about. May 2, appears deserted. OMEGA
- 38) Apr. May 3. P. Tit. Betty J. reports large opening. Hollow in oak, pasture, by Sather's. OCTAGON OCHEA
39) Apr. 23. Cal. Jay. 4 almost hatched & 5th inf. ²¹ 30ft. up in oak in lot opp. OCCULT
Palmer's. Red Phase. OCCASION
- 40) Apr 28. Cal. Towhee. 17 & 2 e. 7 ft up in matted branches of cypress. S. W. cor of pasture OBSERVER
- 41) Apr 28. Cal. Towhee. 1858. 12 ft up. Between OBSCENE further quail oak. vacant May 1st. OBLONG
- 42) Apr 28. W. Fly. 28. smaller shed under big tanks. Looked at it May 1 & it held 3 eggs. Took 4, May 3. BROOKS

- 43) Apr 17. B.C. N. Heron. 11/400
4 with plenty feathers. soft. in cypress.
- 44) Apr 18. B.C. N. Heron. 13/400
4 with plenty feathers. soft. in cypress.
- 45) Apr. 23. B.C. N. Heron. 12/400
4, slight. 35 ft. cypress near Garibaldi's.
- 46) Apr. 23. B.C. N. Heron. 13/400
4, fair small emb. 35ft cypress near Garibaldi's.
- 47) Apr. 25. B.C. N. Heron. 13/400
2 fresh 35 ft., cypress, near Garibaldi's.
- 48) Apr. 25. B.C. N. Heron. 2 nests of
young & several nests not accessible
& probably 5 to 8 nests in other cypresses
not climbed. All near Garibaldi's.
- 49) Apr. 19. B.C. N. Heron. 11/300
3, fresh. soft. cypress.
- 50) Apr. 17. B.C. N. Heron. 11/300
3, slight. soft. cypress.
- 51) Apr. 17. B.C. N. Heron. 11/300
4, slight. 50ft. cypress.
- 52) May 5. Ark. Goldf. 4 about hatched. W
side of cypress on W. row on F.V. road.
- 53) May 5. Park. Wren. young just hot-
ching. In laths over window in servants'
d. room.
- 54) May 7. C. Screech Owl. Big oak in
pasture opp. "Salvation Army" Smith's. A

1900

OBVIOUSLY

OBVIOUS

OBTRUDED

OBSTRUCT

OBSTINATE

OBSCOLET

OBSERVANCE

OBSCURE

OBSCENITY

OBNOXIOUS

OBLOGACY

OBLOVION

OBLOTERATED

OBMING

OBJECTIVE

OBJECTED

OBJECTORY

OBESTY

OBEDIENCE

OBEDIENCE

SISVO

OAKUM

OAKLING

OAKMEN

man with rifle shooting at bird attracted my attention. He was with the Smith people & said had investigated with a ladder & found no nest. I climbed up to lower hollow & saw nothing. It was dusk & the owl struck me 3 times on back of head just above neck, must have nest in one of the high hollows.

55) May 19 Anna's Hum. 1 fresh. Set taken on 23^d. On foliage twigs of E. side of cypress west of cypress S. of tennis court. 16 ft. up.

56) May 19. B.-h. Grosbeak. 4 eggs. out of reach side - top of oak S. of cypress s. of tennis. ♂ on nest later joined by ♀, both making big fuss, but ♂ did the most.

57) May 18. Cal. Partridge. 18 fresh 12 of the "Gambeli" type taken 9 left in nest. A few days later found only 6 left & some of them scattered about. Under lavender & dead grass on original site of octagon summer house.

58) May 16. Cal. Towhee. 4, slight.

59) " " " " 3 $\frac{1}{2}$ ". Both in atraction orchard near cypresses, in same row

1900

about 13 ft. up & composed of rootlets
of *astracharis* world grass, with usual hair lining.
60 June 5. Cal. Jay. Old nest & young
flying about. Thick foliated, straight oak
in main grove s. of S. C. ave.

61) June 5. Or. Towhee 3 eggs: thus found
on 2d. On ground ~~are~~ under small,
dead foliated pine branch recently fallen
alive. Near N. end of pines & on ^{W.} side
of east row. Nest as usual in materials. ^{1/3} ~~00~~

62) June 8. Or. Towhee. 2 eggs. 3 next day.
3 taken on ^{13th}. 2 3/4 ft up in geranium &
rose bush by window of butler's room. Nest
as usual in materials. ^{2/3} ~~00~~

63) June 8. G. Quail. 14 eggs. 16 taken
on ^{10th}. Fleshed bird 3 successive days.
In a periwinkle bed betw. sheep roads. ^{16/10}

64) June 9. B.-h. Grosbeak. 1 egg. 3 taken
on 14. Parents made no demonstration.
20 ft up in pear near N. W. cor. of pear
orchard. Nest of stiff, small stems & red
rootlets & a little dry grass. Lined with
red & brown rootlets, rather coarse. ^{1/3} ~~00~~

65) June 9. Cal. Towhee? 12 ft up in
winter nellys pear near pines. Empty.
The branch snapped as I bent it over &

1900

OBELATION

OBEL

OBELISK

OBELISK

OBELIS

- the birds left. No birds seen when found nest.
- 66) June 11. Yellow Warbler. 9 ft up
near top of willow, N. end of Barker-
Smith field. Old birds about & nest bore
evidence of young having been in it &
the tree sapling was stirred by a recent
climber.
- 67) June 14. C. Quail. Nest of shells
and 3 eggs. In hard sand under dry,
wild alfalfa on high land in meadow
on slope toward High St. This is first
nest I ever noticed E of cow-shed.
- 68) July 12. Cal. Jay. Old nest in
oak over g. g. house. 35 ft up on end
of N. horiz. limb.
- 69) July 12. Cal. Jay. 9 ft up in as-
trachan near N.E. cor. Young
full grown flying around.
- 70) July 29. Cal. Jay. 4 eggs, 1 down.
aged by falling fruit? All abandoned
when flesh. 15 ft up in thick late as-
trachan. Now dry & could have been
saved but I put them in nest & on
wagon set & sat on them. Red phase &
same bird as the sets of 1899 & 1898. Nest

hardly larger than Grosbeak's & not
much foundation. Of sticks, rootlets
& lined with finer rootlets.

71) M. Duge. Sept 1. Nest of fine
stiff weeds. Rather deep, a bit softer
material than stick. In crook of
w. permanent batw. b. alley & fence
of pasture. Found about 3 wks ago
by John who flushed bird when
harrowing. Nest clean, appears no
young raised.

72) B.-h. Grosb. Found after leaves
had fallen in 1st old apricot. In sprouts
of end of trimmed limb.

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- MUSLIN
- MUSIC

1901.

- 1) March 11. Sam. Song Sparrow.
3 fresh. Taken by Bless & Rogers who
took several sets from land between wagon
bridge near Anderson's Wh. to Vers. Ave.
^{7/3/01}
- 2) 3/20 A. Barn Owl. nothing in rock
above Duck Hawk nest. Flushed pair
from big cave in rock where I took
young & found eggs & young 3/24/00, &
found partly eaten rabbit & 3 field
mice. (2 nests)
- 3) 3/20 A. Barn Owl. ~~2~~¹⁵ eggs. 2 started
& 3 fresh. Up quickly, stood on rocks in
front & took eggs by reaching into a
small cave with perpendicular opening.
eggs in a sort of hollow rock & sand to
left hand side. Sets previously taken
from here. Photo of me on rock taking
them to-day. ~~10~~ 16/01
- 4) 3/20 A. Barn Owl. Stood on ledge
of nearest minor "Vulture Rock"
It looked down into a half lateral
& half perpendicular opening in large
rock to west & saw 5 eggs. Bat rope run
through crotch of one of numerous small
laurels on crest & went over the bulging
side & swung into nest. Had to hold

1901

MUSCLE

MURKIN

MURDER

MURKED

MUMPS

MOUNTED

MOTTLER

MOTTLING

rope while laying on my back & loosen basket & could just reach in & get eggs. Put them loose into basket & Edgar had more than he could do to pull me up. I went hand over hand & then he pulled in the slack & let me rest momentarily. I had to make it alone over the bulge for 10 ft & being tired from previous work my hands gave out & I had to use my teeth every time I wanted a fresh grip. Hole about $2\frac{1}{2}$ ft wide & 8 or 9 ft long & eggs on flat sandy part. 2 started, bal. fresh.

5) 3/20. D. H. Owl. While crossing from last minor "Vulture Rock" to low ledge west of rattlesnake ledge flushed δ from oak. Lit on low rock 100 yds off & a rifle shot stirred him up to another 100 yds off. Threw rock up small gully 35 ft from bottom of rock where the soil covers it & flushed γ & a Barn owl from opposite side. Spent 3 hours alone trying to reach nest from above or below while Edgar had gone down to creek to wet up & take photos. King & Fre-

1901.

turned on 24th & tackled this job last.Flushed ♀ & by helping each other got 3 eggs. Hole circular, about 2 1/2 ft in diam. & almost open faced. In ~~East~~ side of narrow gully. A few bones & feathers of parent & thin layer of dusty dirt was the nest. 1/3 'os Small embryos

6) 3/20 A. Barn Owl. A small cave with small circular opening, in fact a hole in rock with the rim intact unlike other nests. We boosted, hauled & lowered up to 2d open cave above nest & King descended by rope & found 1 egg.

7) 3/24 A. Barn Owl. In low rock below rattler ledge. Young about week old.

8) 3/24 A. Barn Owl. Low down in rattler ledge in nice depression in cave under dead oak tree. Bees nest gone now. Accessible from below. 6 eggs, slightly incub. 1/6 'os Flushed another from same cave & pair from tunnel below but can't reach in ^{far enough} to determine if its a nest.

1901

MOCK

7) 3/24 J. Vulture. Ascended ledge from #8 & came to cave where eggs were taken & in 1899: Looks as if spot was shuffled out preparatory for eggs.

MOB

MITTEN

MISTRESS

MISERIE

10) 3/24) A. Barn owl. King went down from near rattle crevice & got 4 eggs. ^{slightly incub.} Nest under ledge where big square chunks had fallen away & he had to swing in under main ledge. Had too much of a job hauling up over 2 surfaces. Let him down to another cave & changed rope & helped him up west side of ledge. One or two more nests he couldn't reach into: says saw eggs in one. Ban-
•nister had to ring on this ^{too.}

MIRTH

MISER

MIRACLE

MISER

MIRRO

MISER

MIRACLE

MISER

MIRAC

MISER

1901

want to say how much per egg Wheeler was paying. Said one of birds died last year, but I discredit it. I also know his Wheeler's agent because of the way Wheeler said (when he met Toots & I coming home & he was going toward Haywards) well! you didn't get anything up there this morning, did you!"

-
- 12) Mar. 21. Cal. Jay. In low limbs of pine back of hen yard. Later: either old or abandoned.
-
- 13) Mar. 21. G. B. Tit. 10ft. up. oak over long-berry patch. Examined Apr. 14, empty.
-
- 14) Mar. 21. G. B. Tit. 14ft. up. oak ~~on~~ S. side of buck road at east turn. Abandoned before completed.
-
- 15) Mar. 21. G. B. Tit. 10ft. up.^{3rd} oak N. of hen yard. Old?
-
- 16) Mar. 30. Prairie Falcon ^{to} Duck Hawk. At 4 p.m. saw a bird in ledge where I took previous sets of P. F.'s after crossing canon found it to be a Duck Hawk. A pair of these, present, apparently drove P.F. away. Examined 2 others

ledges to eastward, in latter one, one
of birds was sitting ^{MERBLE} & uttering the
"chuck" or "chug" note. They were
well seen on the original ledge but
made no demonstration as if they
had eggs, ^{MERIT} and by the time we reached
the other ledges both birds were present
^{MERINO} so if they had had eggs they would
have returned to the original ledge
^{MERIDIAN} wherefrom the usurpers would
naturally choose a site especially
^{MERCURY} in the domicile of their predecessors.
^{MERCER}
^{MENATION}
^{MENTAL}
^{MENIAL}
^{MENACE}
^{MENORI}
^{MEMOR}
^{MEMOR}
No P. F. noted on Pine Canon rocks

Apr. 14.

17) Apr. 14. J. T.ulture. 2 finely
"smeared" eggs, in narrow ^{METTING} ^{MELODY} ^{MEET}
way of cave, with opening running
out as well as into cave, made by
position of lodged rocks. Small em-
bryos. Same place as #149 1899.
In 1900 we were probably several
days too early. $\frac{1}{2}$ in. ^{MEDICINE} ^{MEDAL} ^{MEASUR}

18) Apr. 14. Duck Hawk. 3, small
embryos. In original cave in Pine
Canon. $\frac{1}{3}$ after being flushed soon
lit on pine to eastward ^{MEDAL} ^{MEDOW} ^{MEASURES} and 6 did.

1901.

considerable calling ^{but} never alight
As we got near nest rock & returned
^{it} became demonstrative ^{but} " to
pine as we departed. Same [♂] as #10-1899
^{+ #11-1900a}

19) Apr. 14. A. Barn owl. Young ^{of}
eggs. In cave opening N. ^{and} S. in above
rock where the nest was previously.

20) Apr. 14. Cal. Thrasher. Old nest, se-
quel to #12-1900 near same place.

21) Apr. 15. Cal. Jay. 4, large embryos.
13 ft up in end of horiz. limb in oak
whose branches almost met another,
in Edith's lot. ^{1/4 01}

22) Apr. 15. Cal. Jay. 6 small embryos.
30 ft up in top of oak N. of my house
in E. F. C. lot. Hard climb over elbow.

23) Apr. 16. Cal. Jay. 5 small embryos.
20 ft up in S. side of large bushy oak
S. of road S. of old barn, in pasture.
An old nest in oak S. W. ^{1/5 01}

24) Apr. 14 Cal. Jay. 5, slight. Taken
in top of oak 30 ft up by Postel
near Bdwy. ^{2/3} S. San Jose Ave. ^{2/5 01}

25) Apr. 7. C. B. Tit. 7 eggs. 10 ft
in oak near Bdwy. & S. J. Ave. by
Postel. ~~XXXXXX~~ ^{1/6 01} fresh or begun.

- 26) Apr. 12. B.-c. N. Heron. 4, slight.
1/40¹ In cypress s.e. of T. ave gate. MAY
- 27) Apr. 12. B.-c. N. Heron 3 slight.
Same tree. ^{2/30¹} MATTISON
- 28) Apr. 12. B.-c. N. Heron. 4, begun
Same tree. ^{3/40¹} MATTISON
- 29) Apr. 12. B.-c. N. Heron. 2 slight, shells
covered with yolk. eastern cypress of
2 N. of wire yard. ^{4/1¹ 0¹} MATTISON
- 30) Apr. 12. B.-c. N. Heron. 3, slight.
western cypress of two N. of wire yard. ^{5/30¹} MASON
- 31) Apr. 12. B.-c. N. Heron. 4 out of
reach on straight perpendicular limb
of cypress N. of one N. of coachman's house.
One building & one building in tree
#30. MARSHALL
- 32) Apr. 19. Cal. Jay. 5, fair sized embryos,
20 ft up in small oak on N.W. cor. of lawn,
by cypresses. ^{6/1} MARTIN
- 33) Apr. 19. Cal. Jay. 4 fresh & bird
on nest 10 a.m. Took them fresh 4/27.
9 ft up in big oak ^{2/14¹} S. of old house. Red
phase. Same ♀ as previous "red" sets. MARCHAND
- 34) Apr. 23. Cal. Towhee. 4, begun. Bird
on 3 eggs Apr. 21. 20 ft up in end of limb
of oak by tennis. ^{1/40¹} MARBLE

1901

- 35) Apr. 20. B.-c. N. Heron, 4, slight.
Taken for me by Ed. Rogers, about 40
ft. up in cypress S. of astrachans. Other
been robbed by small boys. 6/4 oz.
- 36) Apr. 21. B.-c. N. Heron, 4, slight.
50 to 60 ft. Cypress by garden fence.
only nest in this tree! 7/4 oz.
- 37) Apr. 21. B.-c. N. Heron, 5, slight.
50 to 60 ft. cypress w. of #36. 8/5 oz.
- 38) Apr. 21. B.-c. N. Heron, 3, ~~slight~~.
50 to 60 ft. Cypress s.w. of old sum. house.
- 39) Apr. 21. B.-c. N. Heron, 4, slight.
50 to 60 ft. same tree as #38. 10/4 oz.
- 40) Apr. 21. B.-c. N. Heron, 4, ~~slight~~.
50 to 60 ft. cypress N. of garden gate. ~~large~~ 4/4 oz.
- 41) Apr. 21. B.-c. N. Heron, 4, slight.
50 to 60 ft. cypress #40. 12/14
- 42) Apr. 21. B.-c. N. Heron 4 or 5 nests
with eggs out of hand's reach. Tree #40.
- 43) up to May 12. B.-c. N. Heron. Did
not examine cypresses by bowl. alley,
or N. of croquet, as other nests a second
time either building or for second sets,
or cypresses along E. end of shell roads,
or by N.E. end or N. of same, owing
to want of time, but saw broken.

~~135~~ MANURE

1996 8 shells from young here & there.

44) Apr. 23. B.-c. M. Heron, 5 slight.

50 to 60 ft. in cypress #37.

Nest in crown of a perpendicular limb. Rested on trunk branches & used sole of tin can.

45) May 3. Cal. Jay. 5, begun, 13/5 or

Parents of #32 taken Apr. 19, 5 eggs, soon had another nest in western vicar

N. of lawn. Found begun Apr. 21.

46) May 3. Cal. Jay. 4 embryos forming.

4 eggs taken from same pair Apr. 15
50 ft distant. Nest 9 ft up in end of limb
of bushy live-oak. 5/4 or

47) May 5. Cal. Jay. 6, fresh. 6/6 or
sequel to #33, Red Phase, taken 4/19.
13 ft in astrachan. Light foundation
of twigs. Cupped with apple rootlets.
Hair lining.

48) May 6. Cal. Jay. 3, emb. forming.

40 ft up in crown of branch of large
live-oak in pasture, 200 ft from #23,
Apr. 16, 5 eggs. Roots Bliss w I got it
with rose. 7/3 or

49) May 6. Cal. Jay. 2 slight & one egg
over edge of nest fresh. 8/3 or 12 ft up in

1901.

large astrachan in S. how, N. of pear ave.
Large wads of hair used for lining also
the usual long hair. The date indi-
cates a second set but doe not run
across this pair before.

50) May 3. Cal. Towhee. 3 fresh. $\frac{1}{3}$ or
2 ft up over in cypress, near outside.
~~W. & S. of tennis.~~

51) May 8. Cal. Towhee. young in
down. Shoots of oak stub back of cor-
gas houses.

52) May 3. C. B. Tit. Young gone. 10 ft
up in palm blossoms in rose bed.

53) May 1. Cal. Towhee. 4 fresh. In
bush near creek. 3 ft up. Taken by J.
Benton, Long Heights. $\frac{2}{4}$ or

54) May 1. S. Song Sparrow. 4, slight.
By J. Benton. 6 ft. wild bltberry vines
close to creek by Talcott's. Nest of dead,
fine grass: ~~House had~~ $\frac{1}{4}$ by lining of soaproot?

55) May 4. Barn. Song Spar. 3 small
emb. $2\frac{1}{2}$ over water, E. bank, S. of
Petersens. On slab of old split willow
stump with the balance for a back-wall
Covered over with "blade" grass. Took
set of 3 here in 1899. $\frac{2}{3}$ or

1901.

- 56) May 7. Wren Tit. 4 slight. ^{1/4} or
4 ft up in scant long briars under
small willows. E. bank of creek not
far north of Petersens. ^{LUXURY}
- 57) May 7. Wren Tit. 5 almost fresh
4 ft up in pipe stems. Near #56 ^{1/2} or
of similar site. ^{LUNCHEON}
- 58) May 7. C. B. Tit. 8 slight. 10 ft up
in willow with dead twigs & briars.
W. bank s. of bridge by Nelsons. ^{LECHER}
^{LUGGER}
- 59) May 7. C. B. Tit. One or two nests
whence young left, 3 with young, 1
not yet tenanted, one with 2 eggs.
In poplars & bal. in willows &
briars - & willows. ^{LOVAT}
^{LOVETTY}
^{LOUNGE}
^{LOTION}
- 60) May 7. Ad. Hummer ^{1/2} or
Small embryos. ♀ well seen. 6 ft up
on edge of bank on a briar among
willows. ^{LOGGIE}
^{LOTTERY}
^{LOTTER}
^{LOCUST}
- 61) May 7. Ark. Goldfinch. 4 fresh ^{1/4} or
5 ft. near top of walnut. By J. Benton
at Lrona Heights. ^{LOCKER}
^{LOCKAT}
^{LOCKSTER}
- 62) May 7. Brew. Blackbird. 5, just
begun. Willow, 10 ft. Creek bank S. of Peter-
sen's. ^{LOBBY}
^{LOAM}
^{1/5 01}

1901.

63) May 7. Brew. Blackbird. 2 fresh,
2 embryo forming. 10 ft., small poplar
at edge of creek S. of Petersen's. 2/4 or

64) May 7. Brew. Blackbird. 4
fresh. 12 ft., in cypress ^{3/4} at Petersens.

65) May 7. Brew. Blackbird. 4, slight
to emb. forming; 12 ft., cypress at ^{4/4}
Petersen's.

66) May 7. Brew. Blackbird. 5, begun
12 ft. same tree as 65. 5/5

67) May 7. H. Finch 4 slight. poplar
4 ft. among willows & thick growth on
creek bank by Petersen's. 1/4 or

68) May 7. H. Finch. 5, slight. 4 ft. up
on small stub & sprouts of second growth
of cottonwood on creek bank. 2/5 or

69) May 1. H. Finch, by T. Benton,
Brona Heights. Brears along crest, 5 ft.
fresh. 4 eggs. 3/4 01

70) May 12. Brew. Blackbird, 5, slight.
10 ft in willow, Petersen's "slough". 6/5 or

71) May 12. Brew. Blackbird, 4, variously slight.
15 ft, willow, "Petersen's Slough." 7/4 01

72) May 12. Brew. Blackbird. 5, slight &
begun., 10 ft, in top of small willow along
"Petersen's Slough" 8/5 01

LIZARD

73) May 12. Brew. Blackbird. ^H slight ^{LIVID}
10 ft. willow, "Petersen's Slough." ^{9/4/01}

LIVERY

74) May 12. Brew. Blackbird. ⁵ fresh to ^{LITERARY}
begin. 10 ft. willow, "Petersen's Slough" ^{10/15}

LITANIA

75) May 12. Brew. Blackbird. ⁵ slight ^{LITTLELESS}
18 ft. willow, (absent from colony, 1st
nest ever found here) 300 yds N. of ^{11/5/01}
Petersen's on bank west side of w. bank.

LISPER

LIGOUR

LIMB

76) May 12 B-h. Grosb. 3 slight. ^{1/3/01}
Found May 7 with 1 egg. 7 ft up in nar-
rows over stream.

LIMING

77) May 12. S. S. Spar. 3, slight. ^{1/3/01}
3 ft up in top of briar clump. High bank (E)
N. of big bridge. No hair lining.

LINGUAL

LINEN

78) May 12. Cal. Towhee 3, fresh. ^{3/3/01}
5 ft. upon ^{willow} stump grown out with sprouts
over creek. N. of Big Bridge.

LINEAL

LIMBER

79) May 12. Cal. Towhee, 3 fresh ^{4/3/01}
near #78. 12 ft over centre of creek in
intersecting branches of 2 willows ^{LILAC} on each
bank.

LILLY

LILAC

80) May 12. Cal. Towhee. 3, slight ^{5/3} or
9 ft up on stump of willow grown out again.
on bank.

LILY

LILTING

LICHTLY

81) May 12. Cal. Towhee. 3, fair ^{6/3/01}
9 ft up among willow branches & briars &
against trunk. on Bank of Creek.

LICTOR

LICHTLY

1901

- 82) May 12. C. B. Tit. 5, fresh. $\frac{3}{5}$ os
10 ft up in willow on Creek.
- 83) May 12. C. B. Tit. 6, slight. $\frac{4}{6}$ os
12 ft. in big poplar on creek bank.
- 84) May 12. C. B. Tit. 8, one broken by Benton
20 ft. tall willow over creek. Bent tree
down. Fresh. $\frac{5}{7}$ os
- 85) May 12. C. B. Tit. 6 fresh. $\frac{6}{7}$ os
6 ft. poplar ~~by~~ "Petersons Slough."
- 86) May 12. Wil. Goldf. 5+nest. $\frac{7}{5}$ os
Fresh. 8 ft up in quadruple crotch in heavy
sprouts of cut back cottonwood.
- 87) May 12. Wil. Goldf. 5+nest. $\frac{7}{2}$ os
Fresh. 8 ft up in willow. Hayw. Creek.
- 88) May 12. Wil. Goldf. 5, slight. $\frac{m}{3}$ os
10 ft. willow. N. of Big Bridge.
- 89) May 12. Wil. Goldf. 5, small m. $\frac{m}{4}$ os
9 ft willow on bank.
- 90) May 12. Wil. Goldf. 6, slight. $\frac{m}{5}$ os
In pine stem thicket. 5 ft up in willow.
- 91) May 12. Al. Hummer, 2 fresh $\frac{m}{2}$ os
6 ft up over water, on single spray of
blackberry & drift under nest. $\frac{m}{4}$ os
- 92) Apr. 16. C. B. Tit. Rifled. In lot N.
of my house.

1901.

LICENSE

- 93) Apr. 16. Cal. Jay. Old nest. oak. ^{my lot near}
^{Painters} LIBRARY
 94) " " " heard young & saw one
 by nest in Painters. She stepped out
 as soon as she saw me & young were imme-
 diately quiet. LIBERTY
 95) May 20. Yellow Warbler. 9 ft up in
 stout birch at edge of brush in pipe grass
 patch w. of Petersens. Incubation 1 week. LIBRARY
 96) May 20. S. S. Sparrow. 3, slight nest
 found 5/12. 2 ft up in pipe grass S. of above
 clump. LEVETTE
 97) May 20. S. Marsh S. Sparrow. 4 fresh.
^{S.E.} in pipe grass at ^{n/4} edge of clump. LESSON
 98) May 20. S. S. Spar. 2 stale eggs ^{near}
 above. LEMON
 99) May 20. Wil. Goldfinch. 4 fresh. 6 ft
 in small poplar in clump (#95). ^{n/4} LEGION
 100) May 20. Wil. Goldfinch. 4 fresh. ^{4 ft} tree
 poplar sprouts in clump (#95). ^{1/4 or} LEGEND
 101) May 7. Cal. Towhee; 3, fair sized
 embryos. 9 ft up in willow stump sprouted,
 on edge of creek. ^{Lecture} LEAVELLE
 102) May 20. H. Finch. 4 fresh. 9 ft up in side
 suckers of willow in clump (#95) ^{2/4 or}

1901.

103) May 12. H. Finch. 5 fresh or nearly so. 6 ft. in apricot near creek. Mud, $\frac{3}{5}$ o_r, weeds & fibres, plant down, horse hair & flax.

104) May 12. H. Finch. 5 fresh. Nest in briars along creek. Rootlets, fine grass, fibres & a little hair. 4/5 o_r

105) May 12. C. B. Tit; 6, small comb.
Along Hazward's Creek. 7/6 o_r

106) May 12. Cal. Towhee. 2 stale. In brush along creek. 1/2 o_r.

107) May 17. Cal. Partridge. 11 eggs, various sizes. Nearly all foul smelling.
In thistles close to High St bridge. 1/11 o_r

108) May 18, 6 eggs; Cal. Partridge; 18 fresh.
Under dead leaves of small "twini"
palm tree (dead) by oak E. of E. porch.
1/18 o_r

109) May 5. Cal. Partridge. June 5. 5 fresh.
3 together & 2 6 inches distant. Taken 6/8.
Under briars & against cypress log near
N. W. cor. of brush lot. 1/5 o_r

110) June 5. Cal. Partridge. 15, ^{very large} ~~four strong~~
embryos. Neat place under big cypress
stump with scant grass concealment.
In log pile by hot house. Bird off.
Found her on nest, a close sitter 6:15 p.m.

LEAR

LAZY

June 8. Took 1 egg to test.

110) Apr. 25. Cal. Jay. Young just out.
 25 ft. in thick ~~the~~ growth of "willows"
 growth of oak N. of fallen oak on N.
 fence of pasture.

111) May 2. Cal. Jay. Begun. oak S. E.
 cor. my N. Ave. lot. Young able to fly
 on - see #135-

112) May 5 Anna? Hummer. Old nest
 on ground near S. end of astr. orchard.

113) May 17. Cal. Partridge 11 eggs various
 sizes, some stale in clump of thistles close
 to High St. bridge. Dupl of #107

114) May 17. Cal. Jay. It too far gone to save.
 11 ft. up in small oak in open W. of quail
 oaks.

115) May 17. C. B. Tit. 18 ft. small oak
 of 2 S. of jay's above. Didn't investigate

116) May 17. C. Jay. Begun & abandoned.
 small oak S. E. of oak by Smith's hen yards.

117) May 18. Cal. Partr. 6 eggs between 2
 low, dead, twin sprouts of palm S. of
 oak E. of d. room. Took
 eggs. Dupl of #108

118) May 18. C. B. Tit. in palm by two-
 tiered. ~~same~~ oak by 1st one, 1907.

1901.

119) May 18. Fairdner's W. Birds about excavation in dead poplar limb, too risky to climb. First record inside Fernside, but I did not see eggs or young, but at this date it is positive they have nested.

120) May 25. C. Jay. Begun abandoned. Winter remains by G. mundis.

121) June 2. John Williams reports quail nest & 32 eggs in thistles in fathers about 2 weeks ago. I looked for it unsuccessfully.

122) June 5. Cal. Part. 15, nearly out. Under an uneven, large cypress but back of engine house. Dupl of #110.

123) June 9. Cal. Part. 10 fresh in salt grass at waterside. 100? yds from road. Taken 6/11, 11 fresh. 2/11 01

124) June 10. Cal. Part. 20 yds nearer road than #123. 16 eggs far advanced. Took them later & put them under chick. & a strange hen flushed & broke 5, but 15 hatched next day. Gave to T. Benton.

125) June 18. Cal. Part. 13 rather stale. Under pines on F. V. ¹¹⁴³⁰¹ road. In grass under small a briar & part of dead leafless branch fallen.

126) June 18 Allen's Hummer. 2 just out.

LAPPE

LANTERN

LANGUAGE

LANCE

LAMPPOON

LAMENT

LAKE

KNOCKER

KNOB

KNIGHT

KNITTER

KNIFE

KNAVE

KITCHEN

KING

KINDRED

KINDE

KIMBO

KILN

KETTLE

KESTREL

KENNEL

KELP

KEEPER

KELP

10 ft. over west bank of road in 4th or 5th
express from pines.

127) June 10. Cal. Partr. 1 egg at random
on high ground in meadow.

128) June 11. Cal. Partr. 15 stale plus
6 broken. In grass, 35 ft. from crest of
waterside levee on High St. $\frac{1}{2}^3$ mi. with #134

129) June 11. Cal. Partr. near #128.
In grass. Brood departed.

130) June 13. Cal. Partr. 4 eggs. Ivy,
against N. side of engine house. Saw it again
with 8 eggs, Gambeli type. Think drawing
took them.

131) ^{Cal. Partridge} June 29? 2 random eggs in early
rose bush patch.

132) ^{Cal. Partridge} July 12? Egg shells of brood in Burbank
patch.

133) ^{July} 13. Or. Towhee. 3 eggs. usual
briars under N. quail oak. Took 6/15,
small amb. Did not take set of this
bird in 1900 & eggs are like those of some
preceding sets from this spot. $\frac{1}{3}$ mi.

134) June 15. Cal. Partr. 19 stale. Grass
near #128 & 129, with #128

135) June 22. ^{Cal. Jay in my y. ave lot} Found
nest building & after 2d visit saw it no

1901.

- more completed & supposed it abandoned.
- 136) June 28. W. Flyc. H just begun. Saw bird carrying material on 18th over window in back parlor in old house. N/40.
- 137) July 9 Cal. Jay. Young unfeathered. Astrachans, south end. Parents of 2 sets red phase this year, as indicated by shell below nest.
- 138) Aug 18. Cal. Partridge. Shells of hatched eggs. In ivy against S. side of back house by pump house.
139. May 7. B.-h. Grosb. 22 eggs in brush 5 $\frac{1}{2}$ ft. over stream N. of Petersens. Empty mazr.

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1907.

- 1) Mar. 30. B.-c. N. Heron, 1 egg. Cypress by gate where I found first nest of this species at Fernside. The other 2 nests in this tree are totally gone, owing probably to the severe storm, Mar. 1. 2 new ones built. 3 fresh eggs, 4/4/02. ¹⁶₃₀₂
- 2) ^{3/} Eng. Spar. 1 egg. In big mass of rubbish + matted growth near top of above tree. 4/4 3 eggs in it.
- 3) ^{3/} Eng. Spar. Poked one down, just done, in oak N. of stable.
- 4) ^{3/} 30 C. B. Tit. ^{3/4} completed, in sprig off big limb of orchard gas house oak. 11 ft. up. ^{4/18 got 5 eggs. Charlie tore it down & put nest on front of frozen}
~~Eng. Sparrows began nesting in cavity below, & tore it up.~~ ¹⁵⁰²
- 5) ^{3/} 31. C. B. Tit. ^{1/2} completed, 9 ft. up in small oak in clearing W. of gravel oaks.
4/17 7 eggs. Duplicated by #39.
- 6) ^{3/} 31. Cal. Jay. Begun. 18 ft up in slim oak against oak against Smith's hen yard. Visited ~~7/4/2 Salt Marsh~~ about 4/11 & birds about; again 4/17, empty & no birds about.
- 7) ^{4/} 2. Salt Marsh S.S. 4, small sml. n/402 About 8 in from ground in the salt "grass" that covers the marsh. At edge of dry slough close to foot of Vers. Ave. Bird flushed, 15 ft away.
- 8) ^{4/} 2 Salt Marsh S.S. 3 fresh 2/302. Near foot of Pearl St. In marsh sunflower bush on mari

1902

JELLY

gold about 6 in from ground. Of dead marsh
grasses & lined with finer particles & few horsehair.

JAVELIN

9) 4/4. Salt M. Song Spar. From Pearl to ~~Hill~~
St to island P. Bannister & I found also another
of 4 & of 3 which were his share. Also three
nests with 1 egg each, 3 with 3 birds several
days old & 3 old nests. All similarly con-
structed & about 4 to 8 in. in marsh marigold.

JASMINE

JARGOON

JAPAN

JANTIOR

JAW

JAVA

JACOBIN

JACKAT

10) 4/3 Salt Marsh S. Sp. 3 fresh on edge of
Lawrences dike back of sand hills. In marsh
marigold. Broke 2.

JACKAT

11) 4/3 Salt Marsh S. Sp. 3 ~~fresh~~^{3 3/02}. In marsh
marigold back of sand hills. 4. 2 addled; 2 heavy.

TOWER

JELL

12) 4/3 Salt Marsh S. Sp. 3 good sized nest.
In marsh marigold back of sand hills. 4/3 or

13+14) 4/3 Salt Marsh S. Sp. 2 sets of 3 which
were Bannisters share.

ISTHMIUS

ITALY

ISLAND

IRRUPTION

15) ~~4/3~~ Salt Marsh S. Sp. 3 small eggs ~~4/3~~ or
~~green~~

IRRITANT

IRONICAL

IRKSOME

IRISH

IREFUL

15) 4/3. Salt Marsh S. Sp. on the steep of
marsh, all in marsh marigold were 2
nests of small young & a few old nests. Most
all in that portion nearest sand hills where
there are the most bushes.

16) 4/5. Bus. Horn. owl. Nest up & up
in Crow Canon gone from & camouflage

1902.

most likely blown down. Young fellow at Vagteburg Exchange says took 4 eggs from hawk's nests; go up Cull canon & pass thru gate & nest is in first gulch to right.

17) 4/5. T. Vulture. In crow canon near Hogrefe's lime kiln under pile of rocks is a flat sandy cove 3 ft wide by about 5 deep. Same fellow who told me about nest #16 said he got eggs here 2 or 3 years ago. I found the place, near top of hill, but it was empty & no buzzards seen. Cross creek at left on w. side of road at campers buckeye tree & go uphill

18) 4/5 W. Redtail. New nest near top of alders N. of Buzzard cliff at end of Canon. No time to go to it.

19) 4/5 Duck Hawk. No time to go to it. Portuguese in cabin after leaving Martins said Gomez was living in Hayward. was up here yesterday or day before.

20) 4/5 Dust. Barn. Owl. 2, heavy. $\frac{1}{2}$ or Flushed bird from Nest #5-1901. Deserted 4/27.

21) 4/5 Dust. H. O. Bannister went down round rock to big owl cage (in rock below buzzard ledge) & in cave above Barn owl cave & found 2 eggs. Deserted 4/27.

22) 4/5 Am. Barn Owl. Examined the
nest by Bubo nest; empty; all the others
in buzzard ledge were with exception of 1 or
2 that had a fresh egg. There were 3 dead owl
in the caves.

23) 4/5 G. Vulture. In cave in Buzzard
Ledge where we got sets 4/3 & 4/3/27 1899
were, a figure 8 made in sand by rattler
& a long trail along wall where he crawled.

24) 4/2. B.-c. H. Heron. 3 eggs, to Bannister
Cypress by Soltain's pasture. Several others
empty. Apparently mostly driven away
from this row of trees. Examined 8 nests
in tree s. of croquet & several by fork of
shell roads & all empty.

25) 4/4 Cal. Jay. 18. 2 yr old nest repatched.
Top of oak in lot N. of my house. Bird on 7:
30 a.m. Abandoned 1st egg gone 4/9.

26) 4/9 Cal. Jay. 4, incubation 1/2 or over.
In top of ivy-covered oak in Painter's. Bird
set close & did not flush till I was within 10 ft.

27) 4/9 Cal. Jay. Old nest 20 ft. up in oak in
west side of Painter's garden.

28) 4/9 Cal. Jay. Begun in ~~s. of~~ s. end of N 1/3
of lot opp. my house.

- 29) 4/9 Cal. Jay. 5, begun. Same ♀ as #24 x
46 last year. In top of bushy, spreading oak in
Ethel's lot. 15⁰²
- 30) 4/9 Cal. Jay. Begun. In oak between #29
& oak in my lot where I found young last year.
- 31) 4/9 C. B. Tit. Begun. Oak; 20ft; N. end of
lot N. of my house.
- 32) 4/9 C. B. Tit. 5 almost hatched. 18ft. Tree #25
- 33) 4/10 Cal. Jay. About complete? 15 to 20 ft
in door ^{of} west of Luong Hato's box pile.
- 34) 4/10 Cal. Jay. 30 ft. near top of straight
oak, ~~in~~ in grove S. of S. C. Ave. Empty 4/13
- 35) 4/10 Cal. Jay. Complete 15 ft. in outer
"blossom" of palm on lawn w. of gas house.
Last year's there too. Dissected, & nest toppled sideways.
- 36) 4/10 Cal. Jay. 5, begun. Top of oak S.W.
of bushy big oak S. of road thro pasture. Eggs
taken here 1900? or 1899. 3/5⁰² Begun
- 37) 4/10. Cal. Jay. About built. 25 to 30 ft. in
"apple" oak. 4 fresh taken 4/17 & bird on nest
10:30 a.m. 5/4⁰²
- 38) 4/10 C. B. Tit. 3 eggs 15 ft. in "inside" of
form of tree about 10 ft & 15 ft from trunk
of large bushy oak. N.W. of tennis ct. 7 eggs,
4/17, incub. slight. 1/7⁰²

1902

INJURY

39) 4/10 C. B. Tit. 3 eggs. 10ft. near top of
young oak in clearing N. of quail oats. 7 eggs
4/10. Dusl. of #5. Incub. slight. 2/7 or
INDEX

40) 4/11. C. B. Tit. 20 ft. up in oak over old
barn, (nest above the ground N. of barn). 4/18
found young in it.

INGEST

41) 4/12 C. B. Tit. 3 fresh. 8 ft. up in ~~pettus~~
~~porum~~ 3 ft. from wall of bowling alley in
E. bed. 4/10 abandoned. 1/3 or no data blank

INHALATION

42) 4/12. C. B. Tit. Looks about done. 12 ft.
up in oak close to Lincoln Ave. fence in lot S. E.
Cor. Lincoln & Pearl.

INHUME

43) 4/12. Cal. Jay 5 fresh. 2.5 ft. up in oak
in pasture N. of oak with heavy crop acorns.
Billed but one fall. 4/4 or. 28 set lat. 4/28 #48.

INFAMY

44) 4/15. Des. Spar. Hawk. 35 ft. up in old
Flicker hollow, with small piece chipped out,
in sycamore in creek; Crow Canon. 1 light
& plain & other 4 handsomely marked. Fresh.
Devon to Bannister.

INDOLENCE

45) 4/15 Cal. Shrike. 6 fresh. 9 ft up in
low limb of a small arm of big white
oak in grain field. Close to Road from Danville.
Oak yet be leafless but numerous twigs
rather hid the nest. Bird flushed. Nest of
weeds, grass, fibres & feathers, wool & wads
1/5 or

INCUBERS

INDEX

INCOME

1902.

of short, cattle hair, all mixed without distinction. Lining same. Broke one after packing it 45 miles.

146) 4/15 Cal. Woodpecker. Pair of them on sycamore on fence line opp. Woodsides Farm. 2 hollows in live part & 4 or 5 in rotten wood. Bird in one of them. Too small to get hand into.

147) 4/15. W. Redtail. 3 eggs. Big nest, with insecure foundation. About 40 ft up in leaning white oak close to line fence on S. side of road, by bridge on hill. Uncult. slight $\frac{1}{3}$ or

148) 4/15. W. Redtail new nest in sycamore $\frac{1}{4}$ mile S. of road at Sycamore Junction. Looks about 70 or 80 ft. up.

149) 4/15 Prairie Falcon. Birds back in their old place & the duck hawks here last year on Apr. 1 are gone. 3 eggs pipped one rotten & 2 about to pip. This pair is probably the pair here since 1898 except last year. They do not approach within easy gun range. 1/1 or

50) 4/15 S/S hawk? Old nest of twigs in Alder close to trunk. About 35 ft up, on trail in hills.

INCOGNITO

INCISION

INCH

INCESSANT

IMPULSE

IMPACT

IMPERIAL

IMAGE

IGNITE

IDOLATER

IDIOTIC

IDIOT

IDEA

IDEAL

IDEALIST

HUSBAND

HUNTER

HUNGER

HUMP

HUMOR

HUNDRED

HOSTILE

- 51) 4/16 W. Redtail. Bird on nest in sycamore in the flat. Same nest as yearly. Hard tree 470 ft to crotch with nest.
- 52) 4/16 Ark. Goldf. not yet completed. In top of small white oak near camp.
- 53) 4/15 A.m. Barn Owl. No eggs. Bird flushed from hollow in big oak near camp.
- 54) 4/16 Calliope Hummer. ♀ late Anna's but Bannister who went up tree, says she had chin tufts. 2 fresh. Nest not yet decorated. 20 ft. up over our camp on remnant of dead alder branch 1 in. in diam. & 4 in. long. ♂ not seen. 6 a.m.
- 55) 4/16 T. Vulture. 2, small embryos. $\frac{1}{2}$ oz. In small cave in round boulder below Prairie Falcon ledge to the east a bit. Top of rock covered with stunted & twisted manzanita. Bird flew out as Bannister got to falcon nest, also a Barn owl from same rock & the owl was knocked silly by falcon. The T.V. cave faces the ravine.

- 56) 4/16 B. Blackbird. 3 fresh ones. Handsome nest, heavily lined with horse hair from tail & mane. 10 ft. up in small cypress opp. 1st house on Sycamore Road.

1902

57) 4/16 B. Phoebe. 5 large emb. $\frac{2}{4}$ or
Stood on Bannisters back & got them from
nest on bank under bridge on Mt. Road.

58) 4/16 B. Phoebe 5 fresh & creamy pink.
Small nest lined with grass fibers & long
hair. Bridge by fork on Mt. Road. 1 broken
in transit. $\frac{1}{4}$ or

59) 4/16 J. Vulture. I went to cave where
I took set 24/14/01 & found it vacant. Ban-
nister took set from same pair lower
down in low roofed cave at east end of
big rock which slopes down toward east
& is not a round or square rock but
a regular ridge of about equal thickness
from west to east. This is below & west
of Falcon rock. Says large ^{1904 Apr. 24 nothing} embryos. Here

60) 4/16 Dotted Towhee Wren. About
ready for eggs. of soft dry grass & feathers on
a few small sticks in niche in rock a
little N.W. of rock with 1 cave S. of
Falcon rock. A few small Xmas berry
trees close to it. On plant of hill sloping
westward & reached from ground.
Bannister says he found one lower down

61) 4/16 Duck Hawk. Same pair as

1902

HOSTAGE

last few years. If fresh. 1/4 or
 Bannister says the hole is about 8 ft across
 & 8 ft high & about 5 ft. deep & eggs in west
 side about 1 ft from wall. Birds a bit
 noisy but shot at all demonstrating or fierce.

62) 4/16 Am. Barn Owl. In open cave
 in falcon rock. 6 eggs. 1 of them pipping.
 On ledge in usual place in cave accessible
 from crevice on N. side. About 200 ft away.
 63) 4/16 A. Barn Owl. 3 young & no eggs
 in rock lower down.

64) 4/16 Road Runner. 2 old nests in white
 flowered sage I take for this. in round basin
 E. of Duck Hawk rock.

65) 4/16 Anna's Hummer. 2 fresh. Di-
 corated nest with regular oak lichens. Hard
 climb for Bannister 30 ft up rock where
 nest was on a tiny pinnacle.

66) 4/27. T. Vulture. 2 small embryos.
 In rock low down on side hill on left of
 trail from creek to Bubo nest. Bird flew
 out when we were within $\frac{2}{3}$ 100 yds of the
 cave which is in base of a conglomerate
 lot of rocks, easily accessible from the hill;
 about 7 ft deepest, where it comes to a V &
 about triangular as a whole, being 5 to 6 ft

1902

at greatest breadth. In the left hand side the eggs ~~lay~~ lay in a depression in sandy floor in a sort of concave part of cave. Height of cave averages 2 ft.; ceiling rugged & uneven

67) 4/27 Am. Barn Owl. 6, fresh to slight.

In small ~~hole~~ hole opposite Bubo nest. (#6
1901). ^{1/2}

68) 4/27 Am. Barn owl, fresh to slight.

In small cave in low rock below rattle-
ledge. ^{2/5}

69) 4/27. Am. Barn owl. 6, slight to ^{3/6}emb. forming
In same rock about 10 ft. ^{3/6}to side of #68

70) 4/27 Dusky Horned Owl. 2 slate eggs
not set on but laid last year. In cave with
#68. One egg in her nest & other found im-
bedded in sand mixed with guano. ^{2/2}

71) 4/27 Am. Barn owl. 7, slight to ^{4/4}3/4 hatched.
In usual receptacle, a fine round plate in
cave with fantastic rocks. (#8-1901). ^{1/2}A young
gopher at edge of nest. Below this cave in
a round recess between the rocks was a
heap of pellets in all stages of decay, about
3 ft in diameter \times 1 1/2 ft. deep of them.

72) 4/27 Am. Barn owl. 5, fresh to slight.
Going down rattle-buzzard ledge by largest

3 were ^{with state} cracked in nest, threw away > 574
HARPE
HARNESSES
bay trees is a small cave accessible with
15 ft. rope. We never took eggs here before.

73) 4/27 Am. Barn Owl. In chief place
for owls in rattle-buzzard ledge, going
over close to where I killed rattle in 1900.
Nest was hard to reach. I let out about 11.5 ft.
rope for King to go to bottom with. He barely
reached eggs that were far in a narrow caex.
6, slight to good sized amb. Broken in transit 6/5
GUNNER
74) 4/27) Am. Barn owl. (Rock #4, 1901)
In smaller cave with horizontal bed, 12?
ft. above where eggs were taken last year.
6, slight to small amb. 7/6
GROOVE

75) 4/27. Am. Barn owl. (Rock #3, 1901)
Nothing here this year. Dead owl at base of rock.

76) 4/27 Duck Hawk. Birds absent
from this country this year, judging from
absence of white excrement at rim of
nest which the spring rains washed off.
Recent scratches visible on back of rock
where ascent to top is made. Perhaps
they quit the place after I was here 3/24/01,
& this may be the pair of new arrivals at
the Prairie Falcon ledge Mar 30/01. GONNE

77) 4/28. Cal. Jay. Nest rifled. In S. end of
Edith's lot. Scared a kid away.

1902.

78) 4/28 Cal. Jay. Flushed bird. About 30 ft. up
in oak S.E. of fallen ^{6 15} ~~6 02~~ oak on pasture fence.

79) 4/17 & once earlier & once later saw Cal. Scr. Owl
in decayed stub of big oak opp. Smith's. Bird stood
up in hole at hearing me walking below. ^{4 02} 5/4, 4 fresh

80) 4/17 H. Finch. About completed. $\frac{1}{3}$ way down
F.V. road, 8 ft. up over w. side of road in cypress.

81) 4/27 D. Cañon Wren. Flushed bird from
crevice running far into rock below nest #71.
Not obtainable.

82) 4/22 B.-C. N. Heron, nests in tree by gate &
2d tree S.W. of old summer house. Nests all deserted
& I hear very few birds about.

83) 5/4 Cal. Jay. 6, begun. 18 ft. up in oak
in new horse coral betw. watchman's & bunk
house. (Second set, #135) ^{7/6 02}

84) 5/4 Cal. Jay. Bird on nest, 45 ft. up in oak
S.E. cor. of formerly the lawn. 2d nest of #37

85) 5/4 Cal. Jay. Bird flushed. 35 ft. up in oak
opp. formerly the study. Went up next day & the
curved limb was apparently ~~too~~ weak for me, so I
broke off a stick with a ~~soft~~ crotch to it & moved
away the nest foundation & in lowering the tree
the 5 eggs fell out.

86) 5/4 Cal. Jay 5 eggs, ^{slight moulting} ^{8/5 02} Look same as set I took

in 1901 & couldn't save (#114). Probably 2d nest of
GNAW

#6. Rather small nest owing to quantity of ma-
terial used. Locust twigs about the rim. 12 ft.
up near top of small oak in beet patch.

87) 5/4 Cal. Towhee. Begun. Oak over original
plot of periwinkles in brush pile.

88) 5/4 Cal. Towhee. 4, begun. 8 ft. up in
"old" briars on hither quail oak. 2 1/4 oz
GLERAN

89) 5/4 Cal. Towhee. 1 pecked, stale egg. 25 ft up
in oak (7 to 10 ft sprouts), East of dining room.

90) 5/4 Or. Towhee, 3, slight. 5 in. off ground
in briars under wire fence between 2 quail oaks.
Nest material as usual. 1 1/2 oz

91) 5/4 Park. Wren. Complete: over window
in servants' d. room. 5/11 6 fresh. 2 1/2 oz

92) 5/4 Eng. Spar. 3 fresh & bird flushed 10
ft up in wry on front of engine house.

93) 5/8 House Finch. To Hobo Grove on Hay-
wards creek, pipe stem grove, & northward to
nearly end of route. Only 2 nests without eggs,
several with 1 & 2 eggs & several with 4 eggs
& with 5 eggs. Most of them with downy young.

(probably 15 nests) & 5 or 6 of these 15 nests held 1 &
2 eggs not yet hatched.

94) 5/8 House Finch. 4, fresh. 7 1/4 oz
4 ft. up in briars running among willow
grove by Petersen's brother-in-law's house. The

1902
material same as usual but lining was profuse
with small chicken feathers.

95) 5/8 Brewer's Blackbird. H, Slight. $\frac{2}{3}$ oz
11 ft. in top of willow. Bird on. (1 broken)

96) 5/8 Brewer's Blackbird. 5,
11 ft. in top of willow. Bird on.

97) 5/8 S. M. S. Sparrow. Young in down. In
usual position in blade grass on bank of
creek along Petersen's tomato field.

98) 5/8 Cal. Towhee. ~~*~~ 3, incub. $\frac{3}{4}$. $\frac{2}{3}$ oz
nest material as usual. 2 $\frac{3}{4}$ ft. up in nettles
& pipe stems, under willows across road from
creek.

99) 5/8 Wren Tit? New nest 3 ft. up in
pipe stems close to #98.

100) 5/8 Wren Tit. Bird flushed from party
feathered young, 4 $\frac{1}{2}$ ft. up in pipe stems
in willow grove or pipe stem grove.

101) 5/8 Eng Spar. small knot hole in
willow 4 ft up, in pipe stem grove. Reached
into it from on top where ~~tree~~ had broken & rot-
ted.

102) 5/8 Wil. Goldfinch. 3 fresh. 5 ft up in
sprouts on live poplar stub at N.E. cor. of
pipe stem grove. No other nests to-day.

103) 5/8 Allen's Hummer. ♀ reddish. Watched
her go to nest on briar & pipe stem above pipe

- stems & under willows in pepe stem grove,
3 1/2 ft. from ground. ~~104~~ ^{GARDEN}
- 104) 5/8. M. S. Sparrow. 1 young $\frac{1}{2}$ fledged.
In briars on west bank of creek. ^{GARDEN}
- 105) 5/8. S. M. S. Sparrow. 4 young partly
fledged scrambled out of briars on west bank. ^{GALLERIES}
- 106) 5/8. S. M. Long Spar. H, fresh. $\frac{5}{14}$ ^{or}
5 ft. over margin of west side of creek. In
briars & willow stub & small branch. ^{GALLERIES}
- 107) 5/8 Allens Hummer. 2, rather heavy.
^{1 broken fin blowing.} ^{FURNACE}
3 1/2 ft up on single horizontal brier ^{no data} ^{black}
clump at line fence on w. bank. ^{FUNNEL}
- 108) 5/8 S. M. S. Spar. 3, $\frac{6}{3}$ ^{or}
5 ft. over bank in willow & briars, west side. ^{FUGITIVE}
- 109) 5/8 Ho. Finch, H ^{10/10}
7 ft. up in willow & briars on west bank. ^{FROZEN}
- 110) 5/8 Al. Hummer. 3 1/2 ft up on brier
over west bank among willows. ^{FROG} $\frac{2}{2} \frac{1}{2}$ ^{or}
- 111) 5/8 Ho. Finch. H, small m. $\frac{2}{4}$ ^{or}
9 ft. up in 2 briars on west bank ^{wilsons} ^{among}. ^{FRINGE}
- 112) 5/8 Cal. Towhee, 3, m. cub $\frac{3}{4}$ $\frac{3}{3}$ ^{or}
5 ft. up on cottonwood stump & sprouts. ^{way} ^{FRIGATE}
up bank - on East side by 1st house north
of bridge. ^{10/10} ^{FRICKLE}
- 113) 5/8 Cal. Towhee. 1 pecked egg. ^{FRACITION}
briars 5 ft. over creek on west bank not
far from Petersens.

- 1902
114) 5/8 Al. Hummer. 2 small young. On briar
on high bank (on east bank) near end of route
115) 5/8 Ho. Finch. ♂, ¹⁵
9 ft. up in poplars & briers, west bank, N. of bridge
116) 5/8 Ho. Finch, 4, fresh. ^{3/17/4}
10 ft. up in willow & briers, west bank. ^{or}
117) 5/8 S. M. S. Spar. 3, fresh. ^{7/3}
3 ft. up on west bank near narrows. In briars
& nettles.
118) 5/8 S. M. S. Spar. 1 egg. 7 ft. up in
will. & briers further south.
119) 5/8 S. M. S. Spar. New nest. 6 ft in
briers under willows, further south.
120) 5/8 O.t. Towhee. New nest. No birds
about. Forget just where this nest was.
121) 5/8 Cal. Towhee. New nest. West
bank.
122) 5/8. Cal. Towhee. Omitted previously.
Young feathering & bird brooding. 4 1/2
ft. up in pipe stems ^{1 rotten egg taken 5/25.} in pipe stem grove.
123) 5/8 R.-b. Thrush. Nests in construction.
One in pipe stem grove. One in plain
side at corner of dry fork at end of nar-
rows, 5 ft up in briers under willows
& 2 along creek somewhere else.
124) 5/8 Black Phoebe. 1 egg. On top of
slimy log close to root in shed back of

Nelson's barn. 5/25, 5 heavily incub.

FOWLIER

125) 5/8 Cal. Bush Tit. One nest in poplar on east bank of narrow. Young had gone. Nest large & fully 15 in. long. At other points 2 nests had small young & another had large young.

FONNDEER

FOSSHI

FORUM

FORTUNE

FOURTRESS

126) 5/11 Goldfinch barrow. H, slight. 2 1/2 ft. up. in top of briar clump in patch of briars about cow trails near quarry. It flushed after long search & long watch. She was larger than the Gambel's that was feeding a full grown young. Keys & I thought this was the owner of the nest but she was chirping about the bushes 100 ft. before we approached the clumps of briars within 100 ft. 2/4

FONDIE

FOLLY

FOLAGE

FOLLY

FOLLY

FOLLY

FOLLY

FOLLY

FOLLY

FOLLY

127) 5/11 Cal. Jay. 5, large emb. 9 ft up in small oak near top. In grove of small oaks on crest of low heavily oak hill. Nest of usual materials.

FOLLY

128) 5/11 R. s. Flicker. In dead stub 10 ft up: on trail back of quarry. No eggs yet.

FOLLY

FOLLY

FOLLY

FOLLY

FOLLY

129) 5/11 Cal. Screech owl. In country back of quarry 4 or 5 marked trees containing hollows, but no evidence of the birds.

FLAUNT

FLAUNT

FLAUNT

FLAUNT

FLAUNT

1902
130) May 16. Cal. Bush Tit. 3 eggs, pale, 10 ft. up
in blossom. Evidently same pair as #4.

131) May 16. Cal. Bush Tit. Young - eggs. 20 ft
up near top of slanting limb of oak near S. W. cor.
of brush lot.

132) May 16. Cal. Towhee. No lining yet. 10 ft. in
oak near E. end of back field.

133) May 16. Cal. Partr. 1 at random. Site of
octagon summer house.

134) May 16. Cal. Partr. 1st, large shrub.
Under small forked oak branch blown off
Mar. 1, & surrounded by wild grass. Hollow
not quite 3 in deep & well lined with oak leaves
& parents' feathers.

135) Cal Jay. 5/28. 5, begun. Second set of #83
In same place on a big elbow limb, S. E. cor.
of new horse coral, where incomplete set was
found last year.

136) 5/10 Os. Towhee. 3 begun. Found by
Mike the Filipino.

137) 5/8 H. Finch (omitted previously)
5, slight. 5 ft. up in briars & willows along
Hawards Creek. 4/17/02

138) 5/25 R.-b. Thrush. 4 fresh. Nest a-
bout built 5/8. 5 ft up in briars & pipe grass

- in pipe grass grove on Hayward's Creek.
- 139) May 27. Cal. Partr. 18 eggs
incub. large emb. Under briar in grass
under oaks w. of tennis. 2/18
- 140) June 10. Cal. Partr. 118. A. Jenkins stepped
on bird & broke 1 egg. She left her tail & a few
other feathers. Under small oak on N. side
of back road, in scant grass & leaves well
rimmed with same. 3/10
- 141) May 28. Cal. Jay. 1/2 grown young. In
small, straight, bushy oak opp. White's back rd.
- 142) May 29. Cal. Partridge. 1 egg on ground -
no nest, Waterside. Found Waltz & Gordes
working this place & I found no nests,
except 2 old eggs & some shells, possibly this
year. Later, Bliss reports 16 eggs about out
scorched by grass fire.
- 143) July 10. Cal. Partridge 17 about out.
In grass close to potato patch S. of old house.
- 144) Sept 21. Old nest of Cal. Jay. On seckle
near N.W. cor. pear orchard.
- 145) Nov. 11. Old nest of Towhee in east end
of quail briars N. of wire fence. 15 in up.

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FACTORY

1903

- 1) Mar 24. Cal. Bush Tit. 8 ft up in twigs from weak branch from main limb of oak by study. Found 13 days ago partly built by Miss Sweet's class & to-day one of girls investigated contents of nest & broke an egg.
- 2) Apr. 2. T. Vult. Visited nests in Bolingr & found it either too early or birds not going to lay in old nests.
- 3) Apr. 2. D. Horned Owl. Flies about nest in the ravine & "nothing doing" in low rock below Buzzard-walton ledge. Some one been along here & left big foot prints, & scratches on rocks. Raining on Mar 31 enough to obliterate all tracks, so the party was here yesterday.
- 4) ^{1/4} Barn Owl. Flushed fewer than formerly. They have not yet laid or have been robbed.
- 5) Apr. 2. W. Redtail. Did not visit #18-1902 but saw it. Another in live oak on side hill opp. Duck Hawk rock appeared vacant.
- 6) Apr. 2. W. M. Lark. B fresh. In grass clover & weeds about 8 in high on ridge from Falcon rock to Bo. Road. Hole rather deep & well shaped. Nest on its side so that the opposite side arched over. ♀ flushed, at close range at 5:15 p.m. Eggs cold. ^{Ex-nest} _{Fn/303}
- 7) Apr. 3 Prairie Falcon. Stopped at Joseph's

1903

FACTTION

& P. Bannister & I followed smooth ridges,
 (working 3 high ledges in which there was a
 Bubo & some Barn owls) until we came
 to sage brush ledge & within several feet of
 nest. Bird flew out. P. B. brought up the
 5 eggs. Small embryos, incubation must
 have been $\frac{1}{2}$. ³

8) Apr. 11. Redtail about 15 nests from Tasa-
 jara to Santa Rita. Birds in ^{several cases}
 sitting on the limbs. Approached ^{several nests}
 & clouds dislodged no birds.

9) Apr. 11. G. B. Let. Nest in oak, where we
 stopped for lunch in Dublin Canon.

10) Apr. 11. W. Redtail. Bird flew on nest, high
 up in gum grove in Dublin Canon.

11) Apr. 11. Duck Hawk. Fresh 3 well
 bloodshot. ^{1/4} King, Hooey & I to P. Canon over
 the divide. Found footprints on ground be-
 hind rock, also numerous scratches on rock.
 Had observed ¹ on lower (west) end of rock
 while lunching in canon. He moved a-
 round once & then resumed original stationary
 pose. Then after a while he flew past nest
 & I joined him & cackled. She acted less
 broody than formerly & I judged we were
 too early for more than half a set. Then

1903

those marks looked as if she'd been robbed, but finding a 12 gauge empty shell at N. side told of some one shooting on top to get a shot, & not the work of a collector. We decided to investigate & I threw rope over after we had all ascended & flushed F. This is first time she has gone to nest after we'd gained the rock below.

12) Apr. 11. Cal. Thrasher, 3, slight. In gulch S.E. of falcon rock. An old nest further down. 4 ft. up over sloping ground, in "Xmas berry" bush & covered with a strong sage also. Bird not seen during the 7 or 8 min. packing nest & eggs. 2/3 03

13) Apr. 11. T. Vulture. Nothing doing in 1902 & 1901 nests. Pine Canon.

14) Apr. 3. W. Redtail. Nest gone from oak on John hill where took set 1902. one toward Lawrence's there yet.

15) Apr 15. Cal. Jay. 5 fresh. 55 ft in oak S.E. cor. lawn. Birds hatched here last year. Sheldon climbed 1/5 03

16) Apr. 21. Cal. Jay. 45 ft. in top of oak over periwinkles in Orches. 5, begun! 82/5 03

17) Apr. 21. Cal. Jay. 40 ft near top of oak tree. Central vs. Av., in grain. 5, begun. 83/5 03

- 18) Apr. 21. Cal. Jay. 5 very slight. 35 ft. in
oak in grain bin. S. C. Central. 4/5/03

19) Apr. 21. Eng. Spar. Small amb. In oak
back of engine house, 20 ft. up in bushes
in hollow where Plain Lets used to nest 1/6/03

20) Apr. 7. Salt Marsh Song Spar. 3 fresh
8 in up in bush near Sandhills. (To Bannister)

21) Same. 3 highly incubated. Near Sandhills

22) Same. 3 " "

23) Same. 2 fresh in one nest. 1 fresh in another

24) Same. 2 nests of young.

25) Same. 2 slate eggs.

26) Same, a few old nests.

27) Same. One fresh set of 4 to Bannister &
I kept 2 incub. sets but couldn't blow them.
One nest of 3 with 1 cracked & the 4th egg broken & c
smearred eggs) was foot Ver. so. in tuft of crab
grass edge of small slough.

28) Apr. 13. Cal. Towhee. 17 ft. up in last of spruce
at west end of north shell road on south side
of road. Later; another built lower down -

29) Apr. 13. Cal. Jay. 25 ft. up near end of
long limb of pine west of briar-covered oak
N.W. of tennis. Some days later flushed bird
but too risky to get at nest.

30) Apr. 15. Cal. Jay. Hard to get at nest in slender

1903

branches of oak in lot opp. my house. Bird flushed. Apr. 21 got kid to climb & reports nest torn up. Birds not about.

31) Apr. 18. C. B. Tit. Young. 20 ft. up in hard to get at situation in oak near S. E. cor. of pasture.

32) Apr. 18. C. B. Tit. Empty. 15 ft up in bushy oak with bent over trunk near big oak in pasture.

33) Apr. 18. Eng Spar. Eggs in partly decayed stub of oak by Young Fats' horse coral.

34) Apr. 29. Cal. Jay. Oak west of nearer quail oak. Never completed.

35) Apr. 29. Cal. Towhee. Completed & bird on. May 19. Living torn up.

36) Apr. 29. West. Fly. Last year on trunk of cypress, last group westward on N. side of N. Shell road. 8 ft. up.

37) May 3. West. M. Lark. 5 slight. In big hoof print in low grass on Waterside. Bird flushed by Allingers dog. $\frac{2}{n} \frac{5}{3}$

38) May 30 Salt Marsh Song Spar. 1 fresh egg on trail near slough near dikes on marsh. One nest in light colored clump of dead weeds, built in color mimicry. Birds had left been raised.

39) May 5. Park Wren. 3 eggs. In tin lining with

ELEMENT

sand, of heat pipe in hall by laundry. May 12 took
 7. Emb. forming. Bird on nest remained still under
 my hand for some moments. n/703

40) May 5. Or. Towhee. 4 fresh. In periwinkles
 back of briar clad oak in brush pile & against
 small log. Very frail & scant nest. 11/4 03

41) May 6. Prairie Falcon. 3 with incubation
 4 or 5 days ^{as} the 4th. fresh or infertile. About
 in middle of high part of canon. In hole about
 10 ft. down & of about same dimensions as
 original. Taken by Holbrook assisted by Bill Tabor.

~~42) Says birds raised hardly any fuss~~

42) May 10 Duck Hawk, 4 slight. ^{EBOXY}
 In former site in castle rock. & very fierce!
 Taken by Holbrook & Webster. 2/14 03

43) May 10. Am. Barn owl. 5 fresh. ^{In castle} ^{EARTH}
 Rock by H. & W. 2 eggs begun 1/5 03

44) May 10. Black Phoebe st, heavy. ^{DWARI}
 under bridge 11/4 03

By Holbrook & Webster.

45) May 10. Barn Swallow. 3 fresh, 4th lost. ^{DUCAT}
 Under bridge by H. & W. 1/3 03

46) May 5. ^{Allen's} Hummer. 3 sets. Broke
 2 sets trying to drill sheets made too soft by
 heavy incubation. ^{one} ² nests with 1 young
 just out & 1 egg. Another 2 just out. 3' nest

May 5th. 1903. Haywards Creek
with large young.

- 47) Song Sparv. H slight. Pretty nest, mostly of straws, & dead leaves on outside. Lined with a few horse hairs. 3 ft. up in briars against big willow. ^{fieldmark} ^{1/4} ^{9/16} ⁰³
- 48) Song Sparrow. ~~Fieldmark~~ ³/₃. 3 fresh. 2 ft. over edge of bank in briars & willow. ^{2/3} ⁰³ Rinned with dead leaves. Lined with grass & few hairs. ^{3/3}
- 49) Song Sparrow. 3 fresh. 1 1/2 ft up in brush. ^{4/4} ⁵ ⁰³
- 50) Song Sparrow. 3 fresh. 3 ft up in brush. ^{4/3} ⁰³
- 51) Song Sparrow. 3 fresh. 1 1/2 ft. up in clumps of briar of straws, leaves, fibres & long hair. ^{5/3} ⁰³ ~~10/3~~
- 52) Song Sparrow. 3 fresh. 4 ft. over creek at edge of briars on bank. ^{18/3} ^{6/3} ⁰³
- 53) B.-h. Grosbeak, H slight. On nest, 7 ft. up in briars & cottonwood over stream. ^{14/4} ^{11/4} ⁰³ About 1 p.m.
- 54) B.-h. Grosbeak, H slight. On nest. About 3:30 p.m. 1 1/2 ft. up in willow & briars. ^{2/4} ^{17/4} ⁰³
- 55) Cal. Towhee, H slight. 9 ft. over creek at edge of bank, in willow & briars. ^{14/03} ^{nest below}
- 56) Cal. Towhee. 3 slight. 4 ft. up in "dark", In sprouts of big cottonwood edge of creek. ^{2/3} ⁰³
- 57) H. Finch. ~~6/5~~. 5 fresh to begin. 6 ft in briars & willows. ^{1/5} ⁰³
- 58) H. Finch. ^{2/4}. Fresh. 4 ft up in briars over willows. Lined with few hairs & 1 wad of short hair. ^{2/4} ⁰³

- 59) H. Finch. 245. Fresh to begin. 5 ft. in briars. ^{3/5/03} DROLL
 60) Wl. Goldf. ~~245~~. In Dark Spot 6 ft. up in wet-
 low briars. begin. 5 eggs. ^{4/3/5} DRENCH
 61) Wl. Goldf. ^(brown nest) Large amb. 9 ft. in briars. ^{4/3/5} DRAWL
 62) Wl. Goldf. ~~245~~. Begin. 5 ft. up in double briars under
 willow. ^{2/5/03} DRAPERY
 63) Wl. Goldf. ~~245~~. Fresh. 6 ft. up in briars. ^{4/5/03} DORSAL
 64) Wl. Goldf. ~~245~~ 6 ft. up in briars. ^{Large nest (brown out)} DORING
 65.) Song Sparrow. Empty. 2 with 1 each. ^{nest embryos.} DONKEY
 66) Grosbeak. 1 egg. 8 ft, over creek, in cottonwood.
 Not there May 11. ^{DOMINO}
 67) H. Finch. Thicker than ever. Many downy
 young - none feathered, down to building. ^{BOLTHOLE}
 68) Wl. Goldf. One nest downy young. One
 or two with hair sets. Others building. ^{BOGNA} DOCTOR
^{DOCILE}

- Haywards Creek May 11
 69) T. Towhee. 3 fresh. 2 ft. up over bank on
 poplar stump wall covered with its sprouts &
 briars. ^{3/3/03} DISTORT
 70) Sam. Song Spar. 3 fresh. 2 ft. up in clumps of
 briars ^{Eggs broken} DISTORT
 71.) Sam. Song Spar. 8 ft up at edge of bank in
 briars & cottonwood. ^{4/4/03} DISH
 72) Sam. Song Spar. 1 egg west side creek in
 briars. ^{5/1/03} 3 slight ^{8/3/03} DISMAY

1903 5/17 took 3 slight ~~not found~~
~~of 3~~

73) Sam. Song Spar. 1 egg. Briars, East side
near big bridge. No nests with young so
far this year or incub. eggs or old nests.

74) West. Fly. 3 1/4 ft. over water in drift on
willow branches. Fresh. 1/3 03

75) Pil. Warbler 4 small aub. 3 1/2 ft
in briar clump on bank. 7/4 03

76) Pil. Warbler. (Identified) 2 about hatched.
In briars 1 3/4 ft. up.

77) Pil. Warbler. 4 downy. 4 in. up in briars.

78) B.-h. Grosb. 4 well begun. 3 1/4 ft up in
briar & willow close to bank on point.

78) B.-h. Grosb. 4 half hatched. 11 ft in willow

79) " " " 1 egg cottonwood.

80) Al. Hum. 4 1/2 ft up in briarchimp on double
briar near top of clump, on high bank, shaded
by big willows. small aub.

81) Al. Hum. fresh. 8 ft in briar & cotton-
wood, over creek. 7/2 03

82) Al. Hummer 1 fresh. 6 ft. on briar over
creek. 5/17 took set. 2/n/2 03

83) W. Vireo. Done. over creek 6 ft in
cottonwood. 5/17 took 4 begun. 7/4 03

84) W. Vireo. 2 eggs. 8 ft over creek in cot-
tonwood. 5/17 took 4 slight. 2/n/4 03

DISGRACE

DISEASE

DISCIPLE

DISARM

DIPLOMA

DIMPLE

DILUTE

DIRK

DIGIT

DILECTION

DIAMOND

DIAL

DIAGRAM

DIADEUM

DIBBLE

DIBBLE

DIBBLE

DESERT

DEPUTY

DEVIL

DESIGN

DEPLOY

DENIAL

DEMON

DEPLICE

- 85) Wren Tit. Empty 5 ft in briars under willows.
- 86) Wren Tit. 6 ft up in briars under willows. 2 about hatched.
- 87) Wil. Woodpecker. Fresh chips from willow on east bank. Can't reach in without destroying things. ♂ seen. 5/17 borrowed ~~88~~ Keyhole saw & found bottom of cavity 1 ft deep with young making a buzzing-chirping noise.
- 88) May 2 Or. Towhee. ♀ fluttered off at eggs, "on ground"; nest rimmed (much above ground) with quivering motions. Under very low growth briars under quail oak. Eggs larger & darker than last few years & are of another ♀.
- 89) May 14 Cal. Towhee 5 eggs, 2 infertile, other 3 heavy. Sawed 3. 10 ft up in palm where took set Woodhouse type jars several years ago.
- 90) May 14 Ga. Paro. about 20' against side of house (at laundry) among grass & covered by climbing pink rose. Took 28 about May 21 28 Canwards Creek May 17 03
- 91) May 17 Allens H. 2 fresh. 6 1/2 ft over creek on pensile briar. 3/n/2 03

1903, May 17, Haugwards Creek, Con.

92) Allen's H. 2 heavy. $5\frac{1}{2}$ ft. ^{overcreek} on pensile gooseberry runner, shaded by pensile blackberries.

93) Sam. Song Spar. Highest nest ever found - 10 ft from bank, 18 ft up in briars & willows.

3 slight. n/9/3₀₃

94) Ho. Finch. 5 slight. 6 ft. briars ^{on bank} 1/4₀₃

95) R-b. Thrush. 4 fresh. 6 ft. briars & willow on bank. ♀ on. 1/4₀₃

96) R-b. Thrush. 3 ft. up in briar thicket. 4 ft. from edge of bank. Beautiful nest lined with elm blossoms. 2/4₀₃

97) May 19 Cal. Partr. 16 eggs under carrot box under Va. Gr. by pasture fence. Disturbed by plowing. 1/16₀₃

98) May 23 Cal. Partr. 9 eggs. grass at edge of dike (South side). At S.W. cor. highed-up beet patch next to Smiths. 5/27 ♀ on 16 eggs. 6/6 nest empty - stolen by boys.

99) Cal. Partr. Jimmy & Kelly showed me where found 14 eggs each in 2 nests in thistles along creek N. of oil works recently put up. Blame Reinecker kid for taking them. Kelly says last year found 3 nests on high land in pasture with Hogan & Billy Jenkins. & they divided these & threw them at each other.

1903
100) May 20 Benton found 3 Redtail eggs
in Moraga Valley & says fell out of tree with
them.

101) May 20. Park. Wren. Blew fresh for
Benton from Moraga V. Says 68 ft. up in
rats nest.

102) May 20. Bal. Towhee. 5 heavy by
Benton from Moraga V.

103) May 20. Gr. Towhee. 4 about $\frac{1}{2}$ blown
for Benton & 3 almost hatched from
Moraga.

104) May 17. B.-h. Frost. 4 heavy gft.
up in willow on w. bank of Kayw. Cr.
Missed it on 11th.

105) May 17. Wren. 2 new nests in unusual
situations. Tore one down a/c moving
runners caught about me.

106) May 17. R. b. Thrush. Several built
& building.

107) May 17. Pil. Warb. nest of young.

108) June 3. G. B. Tit. birds working on half
completed nest. In palm by cor. S. E. garden
where took set Woodhouse type Jays some years
ago. Latest nest of species yet observed.

109) June 6. Cal. Partr. 1 egg. Under small dead pine
limbs along P.T. Road. 6/10 sheeped nest to N.J. etc
Chapman & the nest was empty.

Sun. June 7-1903

with Bailey to Castro Valley Junction, worked Creek to San Lorenzo.

110) R. b. Thrush. Bailey took 2 sets of 4 & one of 2 & found nest of young.

111) Ruf. Hummer. Took young bird just able to fly - flushed from nest while Bailey was photo. Thrush nest.

112) C. B. Tit. Took empty swallow-tailed nest from briars & german ivy.

113) Del. Warbler. 2 nests young & 2 new ones.

114) Sam. Song Spar. H slight. 2 ft. up in briars at Meek's, in sun. Took nest. ^{10/14} 03

115) B.-h. Grosb. 3 well begun. 12 ft. up in buckeye. Gon: 12:15 a.m. ^{4/31} 03

116) H. Finch a few new & old. No eggs.

117) Pers. Spar. Hawk. Bird raising a racket about high sycamore stub at Meek's.

118) C. S. Owl. Sheldon took set near RR. Saw a feather there 2/d.

119) W. Woodpecker. Bird present, but hollow empty.

120) June 24. Cal. Partr. 10 fresh. Feeding lining b.b. leaves. & flushed at noon from briars over old stump pile, S.W. of engine house. ^{4/10} 03

- 121) Cal. Par. June 2. to 11 well begun. In
 grass at foot of vicars near Seckles in long row.
 COTTERY
- 122) Cal. Partr. Nov. 23. One or two eggs & shells
 from hatched birds. Under weed, $\frac{2}{3}$ way to High
 St. about $\frac{1}{2}$ way betw. meadow & vicars.
 CUSTARD
- 123) Cal. Partr. Nov. 24. Stale eggs fallen through
 hedge on V. Ave. front of my lot E. O. 6.
 CURRY
- 124) Cal. Partr. 21 stable, the Dec 12. Found
 nest under piece of tin S. E. cor. old house.
 CUPOLA
- 125) B. B. Tit. Old 1903 nest over gravel pile
 S. of stable entrance. Feb. 1904 it had eggs (stale)
 CULTURE
- 126) Jan 30/04 Cal. Towhee. Old nest of 1903 in Syringa
 S. E. cor. Stable.
 CUPBOARD

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1904

CREEPER

CREEDENCE

CREAM

CRAWL

BLOODREARED.

1) Mar. 8. Cal. Bush Tit. Begun. 10 ft. up in chero-
kee on side of my house. Big storm Mar. 10. Work-
ing on nest Mar. 13. ^{1. 1. 1.}

2) Apr. 7 Prairie Falcon & Duck Hawk. Hol-
brook & Webster left for nest of P. Falcon &
found nothing saw only pair Duck Hawks.
On Apr. 25, King & I took Duck Hawk $\frac{1}{3}$
from easternmost rock in canon. See #8

3) Apr. 20. Cal. Jay 3 eggs. 18 ft. in cypress
betw. rose ave. & orchard. $4\frac{1}{2}$ eggs to
Newbury, gratis

4) Apr. 20. Cal. Jay. 4 eggs. 12 ft. up on briar
& oak on N.W. end of further quail oats. $4\frac{1}{2}$
5 eggs, inc. begun. $10\frac{1}{2}$

5) Apr. 20. B. C. N. Heron. In original tree
by gate. 1 nest young hatching & 3 with eggs.
2 sets to Newbury. Kept nest & 3. $10\frac{1}{2}$

6) Apr. 20. L. B. Tit. 18 ft. in bushy oat in horse
corral. $4\frac{1}{2}$ broken & stale egg.

7) Apr. 27. Bull. Oriole. Jimmy ^{boy showed}
me nest over 20 ft up in pine by RR track
in Hogan field. $5\frac{1}{2}$ Newbury & packed ladder
& scantlings. Kids told us a boy took it with 6 eggs & broke.

- 8) Apr. 24. Duck Hawk. 3 well incubated in small pot hole over bathing rock in canon by Josephs. Easy to get upon. Revolvers shot brood & birds out. This is pair King saw on Apr. 7. 1/304
- 9) Apr. 24. Prairie Falcon. Flushed bird from original nest & failed to find any eggs, or mate.
- 10) Apr. 24. W. S/S. Hawk. Bird followed Prairie Falcon when it flew across canon by Rock wall in side of mountain. Probably roosting in oak tree.
- 11) Apr. 25. Duck Hawk, 1 bird flushed from original nest in Pine canon & Castle Rock ascended & Redtail Rock & others & no mate seen.
- 12) Apr. 25. J. Vulture 1 St. inc. egg found in sand in original nest in Pine canon. Egg was canted. Drilled defect out.
- 13) Apr. 25. R. S. Flicker. Couldnt reach into nest in small oak E of Redtail Rock. Pine canon
- 14) Apr. 25. Cal. Thrasher. New nest about 18 ft. up in oak sapling & wild cucumber N. of Castle Rock.
- 15) Apr. 25. A. Barn owl. In cave, on ledge, under falcon nest. 4 fresh. In former

Years in middle of Apr. always found ~~peppered~~
eggs or young. 1/404

16) Apr. 23. Cal. Towhee. 20 ft. up in end of oak thicket
in Edith's lot. Got it ^{nest} with ladder & gave to New-
bury. He says too far incubated to blow.

17) Apr. 26. Cal. Jay. Building. 8 ft. up in orange
& palm by ivy border in east garden. Same pair
as #3. Found it completed later. Found 3 eggs later,
& in 3 days more the lining pulled out & no eggs.

18) Apr. 26. Cal. Jay. Young several days old. 8 ft.
in oak & briars in pasture side of hawthorn oak
on N. fence of pasture. Young several days old.

19) May. Cal. Screech owl. 4 fresh in wet
hollow in oak by Smiths where got set 1902.
Both birds present. Sold Newbury \$1.00.

20) May 3. Cal. Jay. Threw club at nest 50 ft. up
in engine house oak. Nothing flushed.

21) May 5. B. Oriole. Cut limb off poplar in
Crow Cañon. Was old nest. ¹ raised a fuss.

22) May 5. A. Barn Owl. 2 fresh & deserted.
In rock above little plateau where I was photo-
graphed taking set some years ago. To Newbury.

23) May 5. A. Barn Owl. 3 fresh & broken, &
deserted. In shelf nest in cave at bottom of big
buzzard ledge. To Newbury.

24) May 5. A. Barn Owl 4 eggs to Newbury

1904. May

In rock below big buzzard ledge.Flushed 1 bird from another cave by dangling rope & when Newbury went down owl in cave where eggs ~~were~~ were, sat close & hopped at him.

11th. 1. ^{To water creek from}
Lester Valley to Petersens with Newbury
creek knee deep in some places. Long pro-
tracted rains in March uprooted some trees &
left drift high up on branches.

25) W. Flycatcher. 4 highly incubated. To New-
bury. couldn't save them. Bird flushed at close
range from gnarly giant trunk of bay tree
6 ft. over creek.

26) Willow Goldfinch. 2 fresh. 11 ft. over water
in overhanging branches of elder. couldn't
reach it with Newbury's aid in banding limb
limb. All at once a potato box floated down &
I stood on it. To Newbury

27) b. B. Tit. 8 highly incubated. 6 ft. over sloping
bank in briars under willows; on east bank by
Nelson orchard.

28) Ho. Finch, 3 fresh. 6 1/2 ft. up in briars &
willows on edge of bank.

29) Ho. Finch. 5 advanced. 9 ft. in briars & willow
on creek bank. 2/5 04

1904. May 8. Baywards Creek.
- 30) Hoo. Finch, 5 eggs. 7 ft. up in briars on
creek bank. * 4/404
- 31) C. B. Tit. 6 fresh. 7 ft. up on creek bank.
at edge of level ground. In briars. 2 ft. above
willow bushes that had sprouted 8 or 10 ft.
- 32) Willow Goldfinch. 12 ft. up on a single black-
berry runner in briar & willow grove. 4 eggs
- To Newbury.
- 33) Hoo. Finch. 3 fresh. 8 ft. in briars on bank.
3/304
- 34) Sam. Song Spar. 4 advanced. 3 1/2 ft. over sloping
bank in sprouts 1 ft. long of willow at edge of bank.
Brush had all been cut along here for about 300 ft.
last winter. To Newbury.
- 35) Hoo. Finch. 4 eggs. 11 ft. up in briars on
creek bank.
- 36) Sam. Song Sp. 2 fresh & deserted. Nest con-
tained dead leaves. 5 1/2 ft. up on stub of willow
sapling intertwined with briars. In coffee 10 ft.
from edge of bank.
- 37) Hoo. Finch. 4 eggs fresh. 7 ft. up at curve of
willow sapling & several shoots from one blackberry
runner. 6 ft. from creek bank. 7/4
- 38) Hoo. Finch. 6 1/2 ft. in briars among willows
5 eggs.

1904 May 8. Haywards Creek Con.

- 39) Hoo. Finch. 5 fresh. 3 ft. up on steep slope
of bank between a poplar shoot & its tree. Large
poplar close to water edge.
- 40) Hoo. Finch. 10 ft. up on overhanging limb of
small willow 10 ft. from creek bank.
- 41) Allen's Hummer. 3 ft. from bank, $\frac{1}{4}$ to $\frac{3}{4}$ ft.
over water on a pensile brier, hanging from
willow. 2 eggs, slight.
- 42) Allen's Hummer. 9 ft. over centre of stream
in lowest ^{dead} sprig of willow, at junction of 2 trees,
one ~~on either side of bank~~. n/264
- 43) W. W. Vireo. H advanced. 10 ft over stream
in outside of row of small straight willows.
- To Newbury:
- 44) Willow Goldfinch. H fresh to slight. 8 ft. up
in cottonwood ^{by} briars on creek bank.
- 45) Hoo. Finch, 5 eggs. 6 ft. up in brush along
bank. Nest of rootlets, weeds, dead vegetation,
lined with shredded material & a little plant
cotton.

- 46) W. Fly. one nest, not complete. $6\frac{1}{2}$ ft up
on rafter close to roof & shed behind Nelson's
barn. Looked for this 5/15 & it was empty.
On 5/22 it was gone. On 5/29 took it with

CLUB

CLOUTED

CLOSED

CLOSEST

CLINIC

CLIMATE

CLIFF

CLIENT

CLERGY

CLEMENCY

CLIFFET

CLATTER

CLASSED

CLAYTON

CLAWED

CLAWMAN

CLAWYED

CLAWYED

CLAWYED

CLAWYED

CLAWYED

CLAWYED

CLAWYED

CLAWYED

CLAWYED

4 highly incubated. It seems 2 kids took it off & put it back after I told them it was unlawful to take eggs of certain birds.

47) Willow Goldfinch several new nests in incomplete sets.

48) Ark. Goldfinch. North of RR. Cut willow down & found young had left. Saw old pair here.

49) G. Tit. Empty nest. Dead bird caught by a hair hanging to it.

50) H. Finch. A few new nests, many nests with incomplete sets & some with unfeathered young.

51) Sam. Song Sparr. New nest in cottonwood. Failed to find it on subsequent trips.

Saw young able to fly. North of San Joaquin.

52) Allen's Hummer 6 nests with young, generally well feathered, & several nests from which young had departed. All in bushes except one old empty nest on protruding dead branches from brush at edge of bank.

53) Vigors Wren. Building in hollow in willow back of Nelsons where I found young Willow Woodpeckers 1903. 5/15, deserted.

54) W.W. Vireo. Nest of feathered young about 9 ft. over stream in overhanging willow. 5/15, had departed.

1904; May 8: Haywards Creek, Con.

- 55) Cal. Towhee. 1 egg. 1 new nest. 2 nests of young. 5/15 failed to run across nest of 1 egg & the new nest was abandoned.

May 15 Haywards Creek from near San Lorenzo to south of Petersens.

- 56) R. b. Thrush. H, begun. $\frac{1}{4}$
04
7 ft. up in centre of thick brush tangle on bank
- 57) Cal. Towhee 3, slight $\frac{1}{3}$
04
6 ft. up in tangle of willows & briars near edge of bank.
- 58) Ho. Finch. H, slight. $\frac{6}{4}$
04
3 ft. up in semi-penile briars, in sun, on steep bank
- 59) Ho. Finch. H, fresh. $\frac{7}{4}$
04
7 ft. up at edge of bank in briar clump.
- 60) W. W. Vireo. H, slight. $\frac{7}{4}$
04
12 ft. over edge of creek in over-leaning willow in outside of root of small willows. Yellow Goldfinch $\frac{1}{3}$ & Grosbeak $\frac{1}{4}$ in same willow within a line 20 ft. long & Al. Hum. $\frac{1}{4}$ in briar diagonally across creek
- 61) B. Phoebe. H, fair sized embryos. 6 ft over water $\frac{1}{4}$
04 on stringer of small wagon bridge
- 62) Allen's Hummer 2 advanced. 7 ft. up in briars growing through drift & hanging over creek, at shady location on both sides of creek at point where we started work. To Newbury
- 63) R. b. Thrush. H fresh. To Newbury. Again

CHROME
CHRISTEN
willow stump surrounded by briars, 2 ft. up,
at edge of bank.

64) Willow Goldfinch. 3 advanced. To Newbury.
4 on nest 10 ft. up in willow sapling at edge
of creek. CHOLERA

65) B. h. Grosbeak. 4 slight. 12 ft. up in willow
sapling at edge of creek. We destroyed them by
accidentally breaking the limb. Near #64 #60 CHINN

66) Allen's Hummer. 1 egg in abandoned nest
5 up over edge of bank, in fence line briars. CHIME

67) Cal. Towhee. To Newbury. Bird flushed
at close range from deep cupped nest with
projecting rim. 6 ft. over creek, supported
on one side by small limb of cottonwood, on
other sides by blackberry runners. CHERRY

68) H. Finch. 7 ft. up in briars & willows
4 fresh. CHATTER

69) B. h. Grosbeak. 7 ft. over creek in willows &
briars on top of small branch. 4 eggs to Newbury CHASTITY

70) House Finch. 5, slight; to Newbury. 6 ft.
up in briars at edge of bank. CHARTER

71) H. Finch. 5 advanced. 1 broken. 8 ft. up
over creek, in briars & willows. CHARLOT

72) Allen's Hummer. 2 advanced & not saved.
3 1/2 to 4 ft. over creek on a single briar hanging
down from shady thicket & about 3 ft. from bank.
well concealed by one large leaf. CHARADE

1904. May 15. Hazards Creek, Con.
- 73) B. n. Grosbeak, ^{quadruple foot of} 16 ft. up in small willow
in Petersens. 4, Not saved after incubation. Set
taken here 1903 or 1902 was not saved after incubation.
~~74~~ Climbed $\frac{1}{2}$ way up & cut & lowered limb after
hard, unsteady work.
- 74) Sam. Song Spar. 4 to Newbury. 3 ft. up
at edge of creek in coarse grass under thick
willows, west side Petersen's tomato field.
- 75) Brew. Blackbird, 5 advanced, to Newbury
12 ft., in top of willow sapling, west side
Petersen's tomato field.
- 76) Sam. Song Sparrow. 3 advanced. 3 ft. up
in pipe stems in willow & briar copse, west
side of road, south of Petersen's.
- 77) C. B. Tit 3 eggs. East bank near where
we began work. 3 taken 1 week later abandoned.
- 78) C. B. Tit. 1 egg east bank. ^{n/6} ^{5/22}
- 79) Willow Goldfinch. 2 new nests. East bank
- 80) Hutton's Vireo. Bird at nest with 3 just
hatched. 10 ft. over edge of water in cottonwood
near Nelsons. Abandoned 5/22.
- 81) R. b. Thrush. Unfinished nest in sprig
of small cottonwood on west bank just ^{saw}

- of Nelson's Bridge. 5/22 set of 3 taken.
- 82) Willow Goldf. 1 egg. West bank, opposite lunch place. Found 5/22 with set.
- 83) B. h. Grosbeak. New. over creek north of previous entry. 4 taken. 5/22.
- 84) M. Dove. New. East bank, S. of lunch place. Burdon. "n/2 & 6" taken 5/22.
- 85) R. b. Thrush 2 new by above. None on east bank opp. where we took n/4 5/19. taken
- 86) R. b. Thrush 1 egg. East bank by "big beach".
- 87) W. Goldfinch. 2 eggs. W. bank by "big beach"
- 88) Sam. Song. Spar. new. " "
- 89) R. b. Thrush 2 new. east bank.
- 90) " " 1 egg W. "
- 91) Allen's Hum. 1 fresh. in brier over creek
- 92) A on w. side, where dead willow branched projected outwards. "n/2 taken 5/22.
- 92) R. b. Thrush. Half done east of road, S. of Petersens. 5/22 abandoned in same state.
- 93) C. B. Tit 2 fresh in willows S. of Petersens. 5/22 took n/8. To Newbury.
- 94) R. b. Thrush. New. at end of route on east. 5/22 4 taken.
- 95) R. b. Thrush 2 new on west of road S. of Petersens. Took complete sets 5/22.

- 96) Wil. Goldfinch 2 new nests of road so. of
Petersens. 5/22 one abandoned. 5/29 one set of 5.
97) W. Flycatcher new nest in Nelson's shed found
May 8 had 1 egg. 5/22 nest & all gone. 5/29 took
out highly suspect. I attribute this to two boys
who were ageing & put it back after we passed.
98) Il. Warbler. New nest about 4 ft. up
on w. bank. Not found again.
99) Brew. Blackb. Further south from Petersens
than we went on 8th one nest young 1/2 of
large young that fluttered out. one of eggs hatching.
100) Bl. Titmouse 2 nests young not observed 5/8.
one about 3 ft. over stream on cottonwood just
N. of Nelson's Bridge. Parent less demonstrative
than when they have eggs or very small young.
101) Ca. Towhee. Nest found 5/8 with downy
young had lining pulled out & young missing.
102) B. h. Grosbeak 1st & 2nd taken. In willow
at junction of dry creek.
1904 May 20 Edwards Creek same route
as on 15.
103) R. b. Thrush. 1 fresh. 4 ft. up in bramble
tangle on horizontal branch of small elder.
104) R. b. Thrush 3 fresh. 4 ft. up in tangle
in thick copse.

1904 Haywards Creek. May 22. Con
L. E. T.

BANKE

- 114) W. Goldf. 11/4 ovs small embryos. Slight &
 variable. 6 $\frac{1}{2}$ ft. In cottonwood twigs & con-
 vex briar. In cottonwood & briar thicket.
BLAND
BLACKEN
BISHOP

115) R. b. Thrush. 3 fresh. 8 ft. up in briar
 tangle growing over alder near bank. To New-
BISCUIT
BIRD

116) Al. Hummer 2 fresh. To Newbury
 5 ft. up at edge of stream on 2 crossed, dead
 briar runners, near shady part of stream.
BIRCH
BIRD
BIRD

117) Al. Hummer. 2, fresh & slight. 8 ft.
 over water in medium sized, thrifty, wide-
 spreading cottonwood.
BIRDS
BILGAR

118) R. b. Thrush. 3 fresh. 5 ft. up on hori-
 zontal branches of alder, covered with
 briar runners & dead twigs.
BIRDS
BIRDMAN
BICKER

119) Al. Hum. R. b. Thrush ~~at least~~.
 Begun. 6 ft. up in briar & cottonwood
 thicket at top of sloping bank. 3/4 04
BIRDS
BETROT
BESTEGE

120) Sam. Song Spar. 3 fair embryos. Nest
 of dry grass lined with long hair of cattle.
 2 ft. up in tough, evergreen grass under willow
 south of Petersen's. On field side. 1/3 04
BENIGN
BENYMR

121) Tq. b. Thrush. 3 fresh. 3 ft. up in briar
 & sprouts & stink nettle in copse at S. end.
 of route. To Newbury. Nest found 3/6.
BENEFIT
BETTER
BETTWS

122) R. b. Thrush ~~at~~ begun. 6 ft. up in briar
 & cottonwood, west side of road S. of Petersen's.
6 1/4 04
found 5/15

BARE

123) Sam. Song Spar. 3 addled. Deserted nest
2 1/2 ft. up at edge of dry ditch, west side of
road, s. of Petersens. To Newbury

BAPTISM

BANTAM

BANDER

BANNER

124) R. b. Thrush. 3 fresh
6 1/2 ft. up in briars & cottonwood, west side
of road, s. of Petersens. Nest found 5/15

BANISTER

125) Cal. Towhee. 2 nearly hatched, not
separated. 3 ft. up in pipe stems in pipe stem
thicket.

BANDAGE

BAMBOO

BALM

126) R. b. Thrush. 4 ft. up against trunk of
willow, & supported by small twigs. In
open situation at N. end of pipe stem
thicket.

BALLET

BALCONY

BAKING

BAKER

127) Sam. Song Spar. 1 stale egg from abandoned
nest along creek.

BAIL

BAGNO

128) G. B. Tit. dead young in thick copse
of briars & willows, west bank N. of Heliconia Ridge

BACON

BACHELOR

129) W. W. Vireo. Young unfledged 2 1/2 ft. up
over creek in Slanting Willow at edge of bank

BARRY

BABOON

130) Dnt. Wren Tit. Empty nest 3 ft. up in
briars, east bank, where took 3. Not found
5/29.

AWFUL

1904. May 22, Haywards Creek, Con.
- 131) Int. Wren Tit Song Sparrow Nest
found near "big branch" 5/15 is abandoned.
- 132) Wil. Gola. "yellow" nest, 15 ft up in cottonwood, west bank had 1 egg. Found 5/15, 5/29 abandoned & contained 1 egg.
- 133) Wil. Gola. 2 nests of 5/15 not found 5/29
- 134) R.-b. Thrush. Brush on east bank (not far N. of Petersen's had been cut, destroying 1 or 2 nests found 5/15,
- 135) Cal. Towhee 2 eggs in sprouted willow N. of lynch place, ~~Eas~~, bank.
- 136) R.b. Thrush, several in complete sets & new & partially completed nests.
- 137) Song Spar. New nest in grass near bank S. of Petersens. Nothing doing 5/29.
- 138) Cal. Towhee. 1 almost fledged. 2 ft upon top of willow stub, sprouted. So. of Petersen
- 139) Al. Hum. 1 egg & 1 just out. 13 1/2 ft up on bear. Center of thicket, w. of road, S. of Ps.
- #10) #102. Haywards Creek, San Geronzo Rd. year South end of route & through riparian.
- 140) R.b. Thrush. 6 ft up in dead & live elder twigs, 1 ft. over a big bunch of drift & about 2 ft. under a split upper section of big willow. West side of stream, ^{9/4} near where we began to-day. Nest of 1 lizard

ALOUD
ALOFT
skin, plenty of straw; walled with mud &
lined with skeletonized leaves.

141) R. b. Thrush. Nest advanced to Newbury
6 ft. over edge of stream on horiz. branch cottonwood
142) Cal. Towhee. Nest fresh & abandoned & nest
partly filled with dead leaves. 5 ft. upon broken
off top of willow, surrounded by long upgrowing
sprouts. Composed almost entirely of dead,
blackish grass & weed stems, in contrast to
the usual material. Lined as usual with
long hair. To Newbury.

143) B.-h. Grosbeak. Nest well begun. 12
ft. over water in top of willow sapling. Tree
cut in half with knife & lowered with hard wind.
Nest near here accidentally destroyed May 8.
This one found complete? May 22.

144) Song Sparrow. Nest fresh. Nest of
dead leaves, straw & grass & lined with sev-
eral long hairs. 4 ft. up in willow twigs
& brars in brar clump near top of steep bank.

145) R. b. Thrush. Nest fresh. 5 ft., on cut off
slump of willow surrounded by upgrowing
sprouts.

146) W. Goldfinch small ambr. 9 ft
up in brar in brar & willow copse.

- 1904, May 29, Howards Creek, Conn.
- 147) B. h. Grosbeak. 3 fresh: to Newbury.
10 ft. up near top of willow sapling back
from bank in copse on w. bank N of Nelson's
Bridge. Nest of shepherds' purse & dried
leaves, lined with few red-brown rootlets.
Tree cut in two with knife & lowered.
- 148) R. b. Thrush 4 slight 10 $\frac{1}{4}$ 04 ATTRIB
4 ft. up in tangle of willow & briars back
from sloping bank. field mark 10 $\frac{1}{4}$ ATOM
- 149) R. b. Thrush 4 small embryos. 11 $\frac{1}{4}$ 04 ATTRIB
3 ft. up against small willow sapling &
supported by twigs of same in thick
copse at junction of dry creek. field mark 11 $\frac{1}{4}$ ASPECT
- 150) R. b. Thrush. 4 Slight. To Newbury.
5 ft. up in tangled briars & willows near edge of
water.
- 151) M. Dove, 2 slight: to Newbury. 5 ft.
over water edge on small bunch of drift in
dead willow sticks tangled with briars.
- 152) R. b. Thrush. 3 fresh, 6 ft. up in forks
of 3 branches of willow sapling covered
with briars.
- 153) W. Goldfinch. 5 slight. 7 ft. up in willow
sapling & briars with nest built in &
around the latter. In big copse, east bank,
so. of dry creek. To Newbury.
- 154) Hes. Finch. 4 5 ft. up in willow

ARGUS

ABORTIVE

* brair copse.

ARENA

ABORTION

153) Song Sparrow ~~not~~^{was} seen: to Newbury.
4 ft. up in tops of briars between sides of copse
of briars at edge of bank on outside
of copse.

ANSWER

AIIAZZ

156 Song Sparrow, ♂ fresh; to Newbury.
4 ft. up on top of briars in thick tangle of
willows & briars.

ОИМЯЕВ

VOLUME

157) R. b. Thrush 3. $7\frac{1}{2} \times 7$. over water
in projecting, small branches of willow &
cottonwood making a fork, surrounded
flush with the ~~rim~~ with briars.

723

ABDOMEN

158) R. b. Thrush. 3 almost fresh & the 4th
was very small & contained no yolk. 6 ft.
up in tangled of brambles & willows on east bank
near Petersen's. 7/14/01

S. T. G. STANLEY

A BRATMEN

59) W. Golafinch. Hodi. ^{ANTHE} ^{ABATEMENT}
4 ft. up in dead willow sticks & briars in ^{ANTLIER}
^{ABATE}
copse w. side of road S. of Petersens. ^{ANTIDOTE}
^{ABASH}

1878
WALPHLNV

BASED

166) Song Sparrow. Hadv. Rft up in
pepe stems & dead willow twigs, among
worm wood, stink mint & a bear.
ANTHEM
ANTELOPE
ANONI
ABANDON
ABASE
ABASED

ANNEX

ABET

ANNEX **ABEAT**
Under willows. W. side road, S. of Petersens
ANNALS **ABACK**
To Newbury. 5/22 contained 2 eggs.

572

2 *2* *2*

To Newbury. 5/22 contained 2 eggs.
161) Cal. Towhee. 2 heavy. 5¹/₂ ft. up on top
of cut off willow stump with green wings

- 1404, May 29, Hayward's Creek, Con.
rounded upward, almost concealing the
nest. 3 eggs May 15.
- 162) R. v. Thrush one nest contained 3
fresh eggs & was found tipped over & eggs
broken. 2 broken.
- 163) C. B. Tit. In shady part of upstream
in big cottonwood. One nest.
- 164) H. Finch 2 nests above tree
- 165) R. b. Thrush 1 " " * ^{not} investigated
- 166) A. Tern. $\frac{1}{2}$ " " " " " " " "
newbury climbed over #163 & broke off
branch & ruined nest & threw it into creek.
- 167) Int. Thrush Tit. Top of briars, W. bank
N. of Nelsons Bridge. Empty & slightly dis-
lodged. Composed of same usual material
but very dark.
- 168) Int. Thrush Tit. Empty nest & no bird
in view in copse at junction of dry
creek & stream from one found 5/22.
- 169) Cal. Towhee. Young back of field
S. of Newbury. Very heavy, numerous, old
sprouted branches of willow & agave bush.
- 170) Pil. Warbler. Near above. Young
12 days old. 2 ft. up in briars at fieldside.
Newbury visited his patch 5/15 ^{to} 5/22 &
skipped the eggs.

- 171) Al. Hum. Just deserted. On bank
- 172) " " near #166. One young
+ 1 addled egg. At intersection of an
upgrowing small cottonwood branch
^{one of} & its twigs.
- 173) R.b. Thrush. 2 eggs & new nest
of same pair as we took n/f 3 from
by pampas in copse at intersection
of dry creek. Eggs unlike any others
& undoubtedly the quick work of
same pair.
- 174) R.b. Thrush 2 eggs. west bank
- 175) " 2 " E. " Starting point
of May 22
- 176) C.B. Tit. New nest where took n/f 6 8/22
- 177) W. Goldf. 3 eggs, w. bank, just S. dry creek
- 178) R.b. Thrush 2 eggs " " " "
- 179) " " new just N. of Nelsonsbridge
E. bank,
- 180) " " 1 egg. w. bank, by lunchplace
- 181) " " 2 " " "
- 182) B.h. Grosb. 2 eggs. E. " over creek.
- 183) b. Towhee. not done. Near creek edge of
big copse on E. bank.
- 184) R.b. Thrush 2 eggs. E. bank

- 190 H. May 29. Hayw. Creek Con.
- 185) Song Spar. 1 egg. W. bank, near outside of creek
- 186) " " 2 " " N. 1st. foot bridge
- 187) R. b. Thrush 2 " " S. of " "
- 188) " " 2 " E. "
- 189) Song Spar. 2 " E. " by big willow with woodpecker hole.
- 190) Al. Horn. new nest diagonally across from Thrush nest in gooseberry bush, neq Petersens.
- 191) R. b. Thrush. E. bank. In gooseberry bush, 2 eggs. Empty 5/22.
- 192) Song Sparrow. 2 eggs. S. of Petersens.
- 193) ^{May 10} Cal. Partr. 9 eggs brought in by Sam Slack from Va. greenings while plowing. 1904
- 194) ^{May 14} Cal. Partr. 9 eggs found by Sam. Slack in plowing astr. orch. I looked later at nest & noticed gopher hill against it & dug out 9 more. Mostly like Gambel type & with very large blotches. To Newbury
- 195) ^{May 14} Cal. Partr. plow team broke 10 out of 15. Lost 2 birds out of the 5 by using hen.
- 196) 5/30 Cal. Partr. 1 egg under E. end veg. gard. hedge. No nest.
- 197) 5/30 Cal. Partr. 13 fresh. Fon. Low briars & chickweed. Quail out

Nests to be visited again

1901.
No 13.

1902

28-30-31-34-35-~~70~~-~~42~~~~77~~~~84~~~~87~~

~~1902-28-34-~~

MANUFACTURERS.

DUTTON & PARTRIDGE,

No. 83-84

